D & K TRUCK - FREIGHTLINER

SPECIFICATION	MODEL		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
3958-0096D	M2106 SBA 4x4 Manual	Base cost with Regular Cab	$71,495.00	$71,495.00	$1.85	
3958-0096D	M2106 SBA 4x4 AT	Base cost with Regular Cab	$75,585.00	$75,585.00	$1.85	
3958-0096D	M2106 SBA 4x2 Manual	Base cost with Regular Cab 4x2	$56,423.00	$56,423.00	$1.85	
3958-0096D	M2106 SBA 4x2 AT	Base cost with Regular Cab 4x2	$60,513.00	$60,513.00	$1.85	
3958-0134	M2106 SBA 4x2	Base cost with Regular Cab	$55,522.00	$55,522.00	$1.85	
3958-0135D	M2106 SBA 4x2	Base cost with Regular Cab	$55,522.00	$55,522.00	$1.85	
3958-0136D	M2106 SBA 4x2	Base cost with Regular Cab	$55,522.00	$55,522.00	$1.85	
3958-0160D (Option "A")	M2106 SBA 4x2	Base cost with Regular Cab	$67,185.00	$67,185.00	$1.85	M2-106-B6.7 Cummins
3958-0160D (Option "B")	108SD SBA 4x2	Base cost with Regular Cab	$67,185.00	$67,185.00	$1.85	108SD-B6.7 Cummins
3958-0160D (Option "C")	108SD SBA 4x2	Base cost with Regular Cab	$66,850.00	$66,850.00	$1.85	108SD-L9 Cummins
3958-0164D	M2106 SBA 4x2	Base cost with Regular Cab	$57,080.00	$57,080.00	$1.85	
3958-0170D	114SD SBA 4x2	Base cost with Regular Cab	$90,357.00	$90,357.00	$1.85	
3958-0172D	114SD SFA 6x4	Base cost with Regular Cab	$104,254.00	$104,254.00	$1.85	
3958-0173D	114SD SBA 6x4	Base cost with Regular Cab	$82,550.00	$82,550.00	$1.85	
3958-0178D	114SD SBA 6x4	Base cost with Regular Cab	$94,180.00	$94,180.00	$1.85	

D & K TRUCK - WESTERN STAR

SPECIFICATION	MODEL		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
3958-0160D (Option "A")	4700SB	Base cost with Regular Cab	$76,776.00	$76,776.00	$1.85	
3958-0170D	4700SB	Base cost with Regular Cab	$97,000.00	$97,000.00	$1.85	
3958-0172D	4700SF	Base cost with Regular Cab	$113,510.00	$113,510.00	$1.85	
3958-0172D	4900SB	Base cost with Regular Cab	$119,388.00	$119,388.00	$1.85	
3958-0173D	4700SB	Base cost with Regular Cab	$103,880.00	$103,880.00	$1.85	
3958-0178D	4700SB	Base cost with Regular Cab	$105,670.00	$105,670.00	$1.85	

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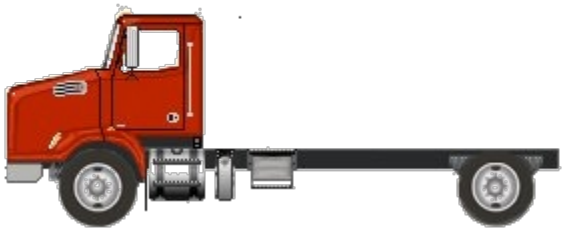
A proposal for
State of Michigan- Western Star 160D (A-C)

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 22, 2017

Western Star 4700SB



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15T	WESTERN STAR 4700 PRL-15T (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,630
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		
Truck Service			
AA3-005	FLATBED/PLATFORM/STAKE BODY		

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Data Code	Description	Weight Front	Weight Rear
Engine			
101-22P	CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM	-850	-70
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-1D7	(3) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 2850 CCA THREADED STUD BATTERIES	-10	
290-017	BATTERY BOX FRAME MOUNTED	35	
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-011	NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		

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Data Code	Description	Weight Front	Weight Rear
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE	-50	
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-998	NO MUFFLER/TAILPIPE SHIELD	-10	
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		

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Data Code	Description	Weight Front	Weight Rear
270-016	RADIATOR DRAIN VALVE		
168-998	NO RADIATOR/OIL PAN GUARD	-5	
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
166-998	NO OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-110	-35
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
353-061	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-1Y0	(2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO'S		
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	-190	
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES	-10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING	-40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			

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Data Code	Description	Weight Front	Weight Rear
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	-188	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-009	RS-21-160 21,000# R-SERIES SINGLE REAR AXLE		-2,300
421-538	5.38 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-076	MXL 17N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	-30	-30
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-001	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
623-005	FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		

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Data Code	Description	Weight Front	Weight Rear
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Wheelbase & Frame			
545-457	4575MM (180 INCH) WHEELBASE		
546-099	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI	40	-160
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-030	1600MM (63 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 116.69 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 113.69 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 273.12		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 116.69 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 63.32 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 147.9 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1E7	14 INCH PAINTED STEEL SEVERE DUTY BUMPER	130	-15
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		

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Data Code	Description	Weight Front	Weight Rear
44Z-998	NO SPECIFIED HARNESS COVERING		
61C-002	SINGLE TOOL/STORAGE BOX #2 FRAME MOUNTED RH SIDE UNDER CAB		
Fuel Tanks			
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1H8	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	20	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-998	NO FUEL COOLER	-10	
Tires			
093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12	
094-1RW	BRIDGESTONE M726ELA 11R22.5 14 PLY RADIAL REAR TIRES		76
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS		
450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels			
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		

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Data Code	Description	Weight Front	Weight Rear
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-039	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERT AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-002	DUAL ELECTRIC HORNS		
728-002	DUAL HORN SHIELDS		
657-1CT	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D411		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
315-808	WIRING AND SWITCH ONLY FOR CUSTOMER FURNISHED FOG LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-008	DUAL STAINLESS STEEL HEATED MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AC	LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-006	RH ELECTRIC AND LH MANUAL WINDOWS	2	
663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		

Cab Interior

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Data Code	Description	Weight Front	Weight Rear
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		

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Data Code	Description	Weight Front	Weight Rear
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-005	2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
185-002	Non-adjustable suspended pedals		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		

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Data Code	Description	Weight Front	Weight Rear
163-013	ENGINE REMOTE INTERFACE CONNECTOR IN CAB BETWEEN DRIVER AND PASSENGER SEATS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-021	AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR	2	
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-024	MULTI-BAND AM/FM/WB/CB RH MIRROR MOUNTED ANTENNA SYSTEM		
75A-002	UHF/VHF RADIO POWER/GROUND HARNESS TO OVERHEAD INSTRUMENT PANEL		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR		
8D1-998	NO DIRECT CONNECT		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-072	SIX IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS, WIRED BEHIND PASSENGER SEAT		
836-001	2 INCH VOLTMETER		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-015	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		

Design

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	Data Code	Description	Weight Front	Weight Rear
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-993	BUMPER PAINTED SAME AS CHASSIS		

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRUCK
CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM
ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RS-21-160 21,000# R-SERIES SINGLE REAR AXLE
23,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# DUAL TAPERLEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
4575MM (180 INCH) WHEELBASE
9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI
1600MM (63 INCH) REAR FRAME OVERHANG
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	76,776	$	76,776
CUSTOMER PRICE BEFORE TAX		**$**	***76,776***	**$**	***76,776***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**76,776**	**$**	**76,776**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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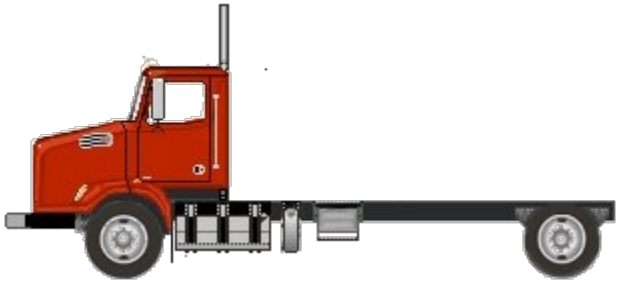
A proposal for
State of Michigan- Western Star 170D

Prepared by
D & K TRUCK COMPANY
Edward Merrill

Mar 22, 2017

Western Star 4700SB



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15T	WESTERN STAR 4700 PRL-15T (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,630
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE		
A84-1CO	CONSTRUCTION BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 26000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 44000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
Truck Service			
AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE		
Engine			
101-22T	CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM	-850	-70
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-1D7	(3) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 2850 CCA THREADED STUD BATTERIES	-10	
290-017	BATTERY BOX FRAME MOUNTED	35	
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		

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Data Code	Description	Weight Front	Weight Rear
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-011	NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1E2	RAISED RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	-35	-30
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1F8	RH CURVED VERTICAL TAILPIPE B-PILLAR RAISED UNDER STEP MOUNTED AFTERTREATMENT SYSTEM		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		

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Data Code	Description	Weight Front	Weight Rear
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-998	NO RADIATOR/OIL PAN GUARD	-5	
360-016	1310 ADAPTER FLANGE FOR FRONT PTO PROVISION	10	
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
166-998	NO OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
353-061	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-1Y0	(2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO'S		
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE		
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		

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Data Code	Description	Weight Front	Weight Rear
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-012	TRW TAS-85 POWER STEERING		
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR	5	
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-005	18,000# FLAT LEAF FRONT SUSPENSION	30	
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
Rear Axle and Equipment			
420-022	RS-26-185 26,000# T-SERIES SINGLE REAR AXLE		-2,210
421-538	5.38 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-076	MXL 17N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES	20	20
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
423-010	MERITOR 16.5X7 P CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES		20
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-030	WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS		80
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-1DA	26,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		30
621-001	SPRING SUSPENSION - NO AXLE SPACERS		

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Data Code	Description	Weight Front	Weight Rear
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
623-005	FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-1AE	STEEL AIR TANKS MOUNTED FOR MAX GROUND CLEARANCE, (BELLY PLOW - AA3-073)		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
Wheelbase & Frame			
545-515	5150MM (203 INCH) WHEELBASE		
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	540	160
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	195	-5
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-014	1900MM (75 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	110
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	122	-10

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Phone: 517-334-7763

Prepared by:
Edward Merrill
D & K TRUCK COMPANY
3020 Snow Rd
LANSING, MI 48917
Phone: (517) 484-1905 Ext. 129

Data Code	Description	Weight Front	Weight Rear
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 139.69 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 136.69 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 347.61		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 139.69 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 55.47 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 171.15 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1E7	14 INCH PAINTED STEEL SEVERE DUTY BUMPER	130	-15
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-998	NO SPECIFIED HARNESS COVERING		
603-100	27X17X11 INCH PLAIN STEP BOX WITH REMOVABLE COVER FOR CAB ENTRY WITH HIGH GROUND CLEARANCE	50	50
61C-002	SINGLE TOOL/STORAGE BOX #2 FRAME MOUNTED RH SIDE UNDER CAB		
Fuel Tanks			
204-195	60 GALLON/227 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	5	
218-005	RECTANGULAR FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-011	FUEL TANK(S) FORWARD - RAISED MOUNTING		
664-001	PLAIN STEP FINISH		

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	Data Code	Description	Weight Front	Weight Rear
	205-001	FUEL TANK CAP(S)		
	122-1H8	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	20	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	221-998	NO FUEL COOLER	-10	
Tires				
	093-0TA	MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL FRONT TIRES	130	
	094-0DJ	MICHELIN XDE M/S 11R22.5 16 PLY RADIAL REAR TIRES		44
Hubs				
	418-056	CONMET PRESET PLUS IRON FRONT HUBS		
	450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels				
	502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98	
	505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior				
	829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
	82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
	650-044	AIR CAB MOUNTS WITH CHECK VALVE		
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	667-001	FRONT FENDERS		
	754-001	2 INCH FENDER EXTENSIONS	5	
	678-061	LH AND RH EXTENDED EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
	646-008	STATIONARY BRIGHT FINISH GRILLE		
	65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
	640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
	644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
	727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		

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Data Code	Description	Weight Front	Weight Rear
726-002	DUAL ELECTRIC HORNS		
728-002	DUAL HORN SHIELDS		
657-1CT	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D411		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER		
315-808	WIRING AND SWITCH ONLY FOR CUSTOMER FURNISHED FOG LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
787-020	ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER		
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399		
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab Interior			
707-1D0	GRAY VINYL BASE INTERIOR		

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Data Code	Description	Weight Front	Weight Rear
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		

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Data Code	Description	Weight Front	Weight Rear
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-005	2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
185-002	Non-adjustable suspended pedals		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		

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Data Code	Description	Weight Front	Weight Rear
163-013	ENGINE REMOTE INTERFACE CONNECTOR IN CAB BETWEEN DRIVER AND PASSENGER SEATS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-021	AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR	2	
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-024	MULTI-BAND AM/FM/WB/CB RH MIRROR MOUNTED ANTENNA SYSTEM		
75A-002	UHF/VHF RADIO POWER/GROUND HARNESS TO OVERHEAD INSTRUMENT PANEL		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR		
8D1-998	NO DIRECT CONNECT		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-076	TEN IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS, WIRED BEHIND PASSENGER SEAT		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-001	2 INCH VOLTMETER		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-026	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH AND TERMINALS FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS AND TURN SIGNALS		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		

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	Data Code	Description	Weight Front	Weight Rear
	299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-993	BUMPER PAINTED SAME AS CHASSIS		
Certification / Compliance				

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRUCK
CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RS-26-185 26,000# T-SERIES SINGLE REAR AXLE
26,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
18,000# FLAT LEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
5150MM (203 INCH) WHEELBASE
1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
1900MM (75 INCH) REAR FRAME OVERHANG
PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	97,000	$	97,000
CUSTOMER PRICE BEFORE TAX		**$**	***97,000***	**$**	***97,000***
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
TRADE-IN					
		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**97,000**	**$**	**97,000**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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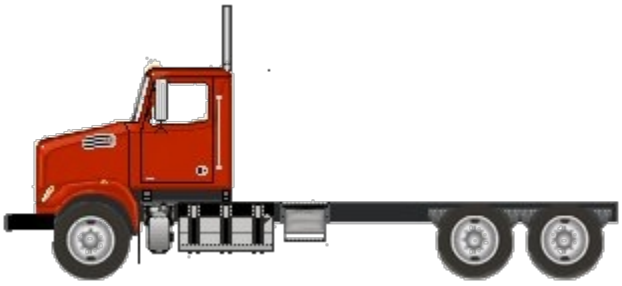
A proposal for
State of Michigan- Western Star spec 172D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 22, 2017

Western Star 4700SF



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15T	WESTERN STAR 4700 PRL-15T (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-450	4700 SET-FORWARD FRONT AXLE CHASSIS	9,100	6,720
004-218	2018 MODEL YEAR SPECIFIED		
002-003	SET FORWARD AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE Government		
A84-1CO	CONSTRUCTION BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 64000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
Truck Service			
AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE		
Engine			
101-2X8	DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM		
Electronic Parameters			
79A-065	65 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79S-002	PTO MODE CANCEL VEHICLE SPEED - 6 MPH		
79U-001	PTO GOVERNOR RAMP RATE - 25 RPM PER SECOND		
79W-001	ONE REMOTE PTO SPEED		
79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
104-025	OIL SAMPLE TEST FITTING ON OIL FILTER MODULE		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES	-10	
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	45	10

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Data Code	Description	Weight Front	Weight Rear
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1E2	RAISED RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	-35	-30
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-020	10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1F8	RH CURVED VERTICAL TAILPIPE B-PILLAR RAISED UNDER STEP MOUNTED AFTERTREATMENT SYSTEM		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK	35	10
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		

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Data Code	Description	Weight Front	Weight Rear
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	25	
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
353-061	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-035	(2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, RH & LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED	15	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE		
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		

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Data Code	Description	Weight Front	Weight Rear
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR		
533-001	OIL/AIR POWER STEERING COOLER		
40T-003	SYNTHETIC 50W FRONT AXLE LUBE		
Front Suspension			
620-005	18,000# FLAT LEAF FRONT SUSPENSION	30	
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE		420
421-489	4.89 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
87B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-019	ASPHALT SPREADER CLEARANCE REAR BRAKE GEOMETRY		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		

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Data Code	Description	Weight Front	Weight Rear
425-002	REAR BRAKE DUST SHIELDS		10
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		730
621-016	HENDRICKSON RT/RTE - 7.19" SADDLE		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-011	52 INCH AXLE SPACING		-20
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS		
623-005	FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-998	NO AIR SYSTEM OIL FILTER		
479-006	AIR DRYER MOUNTED OUTBOARD ON RH RAIL		
460-1AE	STEEL AIR TANKS MOUNTED FOR MAX GROUND CLEARANCE, (BELLY PLOW - AA3-073)		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		

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	Data Code	Description	Weight Front	Weight Rear
	297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
Wheelbase & Frame				
	545-555	5550MM (219 INCH) WHEELBASE		
	546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	460	200
	547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	195	-5
	548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
	552-041	1925MM (76 INCH) REAR FRAME OVERHANG		
	55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	110
	549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	110	-10
	AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 137.78 in		
	553-001	SQUARE END OF FRAME		
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
	561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	572-001	STANDARD REARMOST CROSSMEMBER		
	565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
	568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment				
	556-1E5	14 INCH PAINTED STEEL BUMPER		
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
	44Z-998	NO SPECIFIED HARNESS COVERING		
*	605-989	NEED 24" GROUND CLEARANCE FOR BELLY SCRAPER AT FRONT EDGE OF FENDER AND 40" REAR OF CAB, INCLUDES AIR TANKS BATT BOX AND EXHAUST.		
Fuel Tanks				
	204-195	60 GALLON/227 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	5	
	218-005	RECTANGULAR FUEL TANK(S)		

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Data Code	Description	Weight Front	Weight Rear
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-011	FUEL TANK(S) FORWARD - RAISED MOUNTING		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1K4	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC AND 12 VOLT PREHEATER	10	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-998	NO FUEL COOLER	-10	
Tires			
093-0TA	MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL FRONT TIRES	130	
094-0DJ	MICHELIN XDE M/S 11R22.5 16 PLY RADIAL REAR TIRES		88
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS		
450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels			
502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98	
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-034	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		

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Data Code	Description	Weight Front	Weight Rear
640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
690-002	TUNNEL/FIREWALL LINER		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1CT	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D411		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-022	LED MARKER LAMPS		
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER		
311-001	DAYTIME RUNNING LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
787-004	REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS	2	
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399		
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		

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Data Code	Description	Weight Front	Weight Rear
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab Interior			
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
742-032	(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-076	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT WITH LH AND RH DOOR MOUNTED COURTESY LIGHTS AND LH AND RH READING LIGHTS		

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Data Code	Description	Weight Front	Weight Rear
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-020	2-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL(S)		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
185-002	Non-adjustable suspended pedals		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
838-001	(1) SINGLE BRAKE APPLICATION AIR GAUGE		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		

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Data Code	Description	Weight Front	Weight Rear
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-085	EMISSIONS LIMITED IDLE ADJUST		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
854-001	ENGINE OIL TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-019	AM/FM ANTENNA MOUNTED ON RH FRONT A-PILLAR	2	
748-002	POWER AND GROUND STUDS ON TOP OF DASH		
749-006	TOP OF DASH MOUNT CB RADIO PROVISION WITH PLATE AND STRAPS	2	
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-076	TEN IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS, WIRED BEHIND PASSENGER SEAT		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-001	2 INCH VOLTMETER		
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
304-026	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH AND TERMINALS FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS AND TURN SIGNALS		

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	Data Code	Description	Weight Front	Weight Rear
	882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
	299-032	VSM NON CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITHOUT BRAKE OVERRIDE		
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design				
*	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-993	BUMPER PAINTED SAME AS CHASSIS		
Certification / Compliance				
	996-001	U.S. FMVSS CERTIFICATION		

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Q U O T A T I O N

4700 SET-FORWARD FRONT AXLE CHASSIS

SET FORWARD AXLE - TRUCK
DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
HENDRICKSON RT463 @46,000# REAR SUSPENSION
DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
18,000# FLAT LEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
5550MM (219 INCH) WHEELBASE
1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
1925MM (76 INCH) REAR FRAME OVERHANG
PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	113,510	$	113,510
CUSTOMER PRICE BEFORE TAX		**$**	***113,510***	**$**	***113,510***

TAXES AND FEES

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

TRADE-IN

BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**113,510**	**$**	**113,510**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for

State of Michigan- Premium 172D Western Star 4900 Model

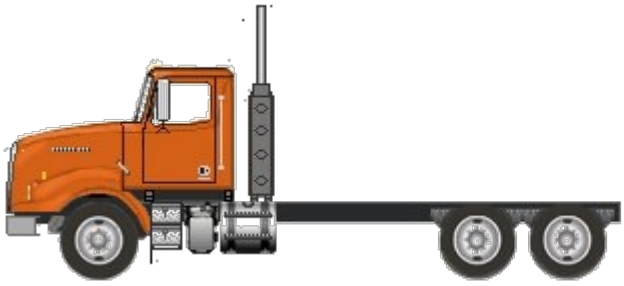
Prepared by

D & K TRUCK COMPANY

Edward Merrill

Apr 04, 2017

2018 Western Star 4900SB



Components shown may not reflect all spec'd options and are not to scale

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Phone: 517-334-7763

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15W	WESTERN STAR PRL-15W (EFF:10/25/16)		
Data Version			
DRL-018	SPECPRO21 DATA RELEASE VER 018		
Vehicle Configuration			
001-424	WESTERN STAR 4900SA CHASSIS	9,674	6,846
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK	-10	
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 64000.0 lbs		
Truck Service			
AA3-018	FRONT PLOW/END DUMP BODY		

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Data Code	Description	Weight Front	Weight Rear
AF4-99D	EXPECTED EMPTY BODY WEIGHT : 4300.0 lbs		
A88-99D	EXPECTED TRUCK BODY LENGTH : 14.0 ft		
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 in		
AF6-99D	EXP EMPTY BODY CG LOC FROM BODY FRT(A89) : 5.9 ft		
A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 3.0 in		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Tractor Service			
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-2X9	DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM	-280	-10
Electronic Parameters			
79A-065	65 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79W-001	ONE REMOTE PTO SPEED		
79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-1A3	CENTER TOP OF COWL INLET WITH INSIDE/OUTSIDE AIR INTAKE	-15	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		

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292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES		
290-1D2	STACK BATTERY BOX		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-026	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART MOUNTED NEAR/ON BATTERY TRAY/BOX	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C0	RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT SYSTEM ASSEMBLY WITH TOPSTACK	40	25
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1CU	RH CURVED TOPSTACK		
23U-003	23 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Z-002	NON-POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		

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118-001	FULL FLOW OIL FILTER		
266-098	1375 SQUARE INCH ALUMINUM RADIATOR		
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	25	
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4	
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
109-007	CAST IRON FRONT AND REAR ENGINE SUPPORTS		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
353-054	VEHICLE INTERFACE WIRING WITH BODY BUILDER BLUNT CUT WIRE INTERFACE AT BACK OF CAB		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-006	WATER TO OIL TRANSMISSION COOLER	10	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	90	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	20	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130	
539-003	POWER STEERING PUMP		

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534-003	4 QUART POWER STEERING RESERVOIR		
533-001	OIL/AIR POWER STEERING COOLER		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-005	18,000# FLAT LEAF FRONT SUSPENSION	260	
619-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION		
62G-001	ALUMINUM SPACER BLOCKS FOR FRONT SUSPENSIONS		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE		420
421-489	4.89 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
388-076	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES		
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		40
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
87B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-019	ASPHALT SPREADER CLEARANCE REAR BRAKE GEOMETRY		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		

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42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		780
621-015	HENDRICKSON RT/RTE - 6.00" SADDLE		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-011	52 INCH AXLE SPACING		
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS		
623-005	FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-023	REINFORCED NYLON AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-013	COMBO-ABS/SERVICE BRAKE VALVE WITH 5.5 PSI CRACK PRESSURE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-006	AIR DRYER MOUNTED OUTBOARD ON RH RAIL		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)		
Trailer Connections			
481-998	NO TRAILER AIR HOSE	-10	
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS	5	5
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
310-998	NO TRAILER ELECTRICAL CABLE	-10	
Wheelbase & Frame			
545-555	5550MM (219 INCH) WHEELBASE		

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Data Code	Description	Weight Front	Weight Rear
546-502	3/8X3-1/2X10-3/4 INCH DOUBLE CHANNEL 120KSI STEEL FRAME (3/8 INCH OUTER AND 1/4 INCH INNER)	690	480
552-040	1875MM (74 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-30	180
549-044	20 INCH INTEGRAL FRONT FRAME EXTENSION	130	-10
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 146.0 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 128.13 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 363		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 146.0 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 61.6 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 134.94 in		
560-001	UNDERSLUNG CROSSMEMBER	40	
553-001	SQUARE END OF FRAME		
550-002	HEAVY DUTY FRONT CLOSING CROSSMEMBER	120	
561-009	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION BACK OF TRANSMISSION CROSSMEMBER		
562-022	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION MIDSHIP #1 CROSSMEMBER	5	5
572-043	1/4 INCH STEEL C-CHANNEL CROSSMEMBER WITHOUT A-FRAME, NON-TOWING		50
56C-007	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION REAR SUSPENSION FORWARD CROSSMEMBER		10
565-001	STANDARD SUSPENSION CROSSMEMBER		
568-006	EXTRA HEAVY DUTY STEEL C-CHANNEL BOLTED CONSTRUCTION REAR MOUNTED SUSPENSION CROSSMEMBER		
Chassis Equipment			
674-998	NO LH OR RH BACK OF CAB ACCESS	-5	-5
592-998	NO DECK PLATE	-5	-5
556-1EF	14 INCH TAPERED SWEPTBACK PAINTED STEEL BUMPER		
558-026	NON REMOVABLE CENTERED FRONT TOW PIN FOR HIGHWAY OR CONSTRUCTION BUMPER		
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		

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585-998	NO MUDFLAP BRACKETS		-25
590-998	NO REAR MUDFLAPS		-15
586-002	FENDER MOUNTED FRONT MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
602-052	12.19X27.25X16.75 INCH ALUMINUM TOOL BOX WITH REMOVABLE COVER	35	35
61B-002	SINGLE TOOL/STORAGE BOX #1 FRAME MOUNTED RH SIDE UNDER CAB		
605-043	1/2 INCH T1 STEEL OUTER FULL FRONT FRAME EXTENSION REINFORCEMENT	220	-20
Fifth Wheel			
578-998	NO FIFTH WHEEL	-30	-480
Fuel Tanks			
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH	-10	-5
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-008	FUEL TANK(S) AFT		
67J-998	NO OPTIONAL FUEL TANK STEPS		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1K3	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC	10	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-001	FUEL COOLER		
847-002	IN TANK FUEL LEVEL SENDER(S)		
Tires			
093-0TA	MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL FRONT TIRES	130	
094-0DJ	MICHELIN XDE M/S 11R22.5 16 PLY RADIAL REAR TIRES		88
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS	60	
450-054	CONMET PRESET PLUS ALUMINUM REAR HUBS		
Wheels			

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502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98	
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-1AB	123 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-045	RAISED AIR CAB MOUNTS WITH CHECK VALVE	30	
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-022	LARGE PROFILE FRONT FENDER		
754-007	2-3/4 INCH FENDER EXTENSIONS	10	
678-061	LH AND RH EXTENDED EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
645-004	STAINLESS STEEL RADIATOR SHELL/HOOD BEZEL WITH STYLIZED TILT HOOD HANDLE		
646-002	RADIATOR MOUNTED GRILLE		
640-008	GALVANEALED STEEL SEVERE SERVICE CAB	50	
644-045	SUPER VISIBILITY HOOD WITH CAB MOUNTED QUARTER FENDERS		
643-002	HEAVY DUTY HOOD MOUNTING		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS	4	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1AF	DOORS AND IGNITION KEYED THE SAME (3 KEYS)		
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS		
312-003	DUAL RECTANGULAR HALOGEN HEADLIGHTS		
302-022	LED MARKER LAMPS		
314-808	WIRING AND SWITCH ONLY FOR CUSTOMER FURNISHED DRIVING/ROAD LIGHTS	6	
311-001	DAYTIME RUNNING LIGHTS		
294-032	FLUSH MOUNTED STOP/TAIL/BACKUP LIGHTS MOUNTED BELOW REAR MOST CROSSMEMBER		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		

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744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
677-016	DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES		
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS		
663-014	2-PIECE TINTED CURVED BONDED WINDSHIELD		
659-016	1.5 GALLON WINDSHIELD WASHER RESERVOIR MOUNTED UNDER CAB WITH REMOTE FILL		
Cab Interior			
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
742-026	(1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
680-033	BLACK SOFT TOUCH WING DASH WITH DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-001	STANDARD HVAC DUCTING		
170-015	STANDARD HEATER PLUMBING		

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130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
739-001	CAB INSULATION		
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
64C-002	BRIGHT DOOR HANDLES		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-020	2-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL(S)		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
185-002	NON-ADJUSTABLE SUSPENDED PEDALS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
870-004	STAR GAUGES WITH BLACK BEZELS		
838-001	(1) SINGLE BRAKE APPLICATION AIR GAUGE		

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Data Code	Description	Weight Front	Weight Rear
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-024	KEY OPERATED IGNITION SWITCH WITH INTEGRAL START POSITION AND TRANSMISSION NEUTRAL INTERLOCK		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-085	EMISSIONS LIMITED IDLE ADJUST		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
854-001	ENGINE OIL TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-019	AM/FM ANTENNA MOUNTED ON RH FRONT A-PILLAR		
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
75A-800	PREP KIT FOR UNDER DASH MOUNTED VHF RADIO		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
8Z1-998	NO ZONAR SERVICES SELECTED		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-021	TEN EXTRA SWITCHES IN DASH		

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Data Code	Description	Weight Front	Weight Rear
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-001	2 INCH VOLTMETER		
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
304-026	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH AND TERMINALS FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS AND TURN SIGNALS		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-032	VSM NON CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITHOUT BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design			
065-000	PAINT: ONE SOLID COLOR		
Color			
980-8K9	CAB COLOR A: HSB906676 OMAHA ORANGE PPG BASE/CLEAR		
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-8FC	BUMPER PAINT: HSB905935 WHITE PPG BASE/CLEAR		
Certification / Compliance			
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	11741 lbs	8603 lbs	20344 lbs

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Total Weight[+]	11741 lbs	8603 lbs	20344 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Premium WesternStar 4900

WESTERN STAR 4900SA CHASSIS

SET BACK AXLE - TRUCK
DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
HENDRICKSON RT463 @46,000# REAR SUSPENSION
DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
18,000# FLAT LEAF FRONT SUSPENSION
123 INCH BBC STEEL CONVENTIONAL CAB
5550MM (219 INCH) WHEELBASE
3/8X3-1/2X10-3/4 INCH DOUBLE CHANNEL 120KSI STEEL FRAME (3/8 INCH OUTER AND 1/4 INCH INNER)
1875MM (74 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	119,388	$	119,388
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***119,388***	**$**	***119,388***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**119,388**	**$**	**119,388**

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan- Western Star 173D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 22, 2017

Western Star 4700SB

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15T	WESTERN STAR 4700 PRL-15T (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,630
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
Truck Service			
AA3-005	FLATBED/PLATFORM/STAKE BODY		

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Data Code	Description	Weight Front	Weight Rear
Engine			
101-2X8	DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM		
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79K-001	PTO MODE ENGINE RPM LIMIT - 600 RPM		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79P-001	PTO RPM WITH CRUISE SET SWITCH - 600 RPM		
79Q-001	PTO RPM WITH CRUISE RESUME SWITCH - 600 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79T-001	PTO MODE RPM INCREMENT - 25 RPM		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
79W-001	ONE REMOTE PTO SPEED		
79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
80G-001	PTO MINIMUM RPM - 600		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES	-10	

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Data Code	Description	Weight Front	Weight Rear
290-017	BATTERY BOX FRAME MOUNTED	35	
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-011	NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE	-50	
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-998	NO MUFFLER/TAILPIPE SHIELD	-10	
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		

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Data Code	Description	Weight Front	Weight Rear
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
168-998	NO RADIATOR/OIL PAN GUARD	-5	
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
166-998	NO OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
353-061	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED	15	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	-190	
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES	-10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		

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Data Code	Description	Weight Front	Weight Rear
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING	-40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	-188	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-1GR	DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE		
421-478	4.78 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
388-076	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		

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Data Code	Description	Weight Front	Weight Rear
Rear Suspension			
622-218	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION		
621-007	AIRLINER HIGH POSITION RIDE HEIGHT		
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP		
624-016	51 INCH AXLE SPACING		
888-047	MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE		
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH		
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE		
623-002	TRANSVERSE CONTROL RODS		
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Wheelbase & Frame			
545-457	4575MM (180 INCH) WHEELBASE		
546-099	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI	40	-160
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-030	1600MM (63 INCH) REAR FRAME OVERHANG		

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Data Code	Description	Weight Front	Weight Rear
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 116.69 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 113.69 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 273.12		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 116.69 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 25.22 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 72.99 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1E7	14 INCH PAINTED STEEL SEVERE DUTY BUMPER	130	-15
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-998	NO SPECIFIED HARNESS COVERING		
61C-002	SINGLE TOOL/STORAGE BOX #2 FRAME MOUNTED RH SIDE UNDER CAB		
Fuel Tanks			
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		

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	Data Code	Description	Weight Front	Weight Rear
	122-1K8	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC AND 12 VOLT AND 120 VOLT PREHEATER AND BLACK BAND	10	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	221-998	NO FUEL COOLER	-10	
Tires				
	093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12	
	094-1RW	BRIDGESTONE M726ELA 11R22.5 14 PLY RADIAL REAR TIRES		152
Hubs				
	418-056	CONMET PRESET PLUS IRON FRONT HUBS		
	450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels				
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
	505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior				
	829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
	82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
	650-044	AIR CAB MOUNTS WITH CHECK VALVE		
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	667-001	FRONT FENDERS		
	754-001	2 INCH FENDER EXTENSIONS	5	
	678-039	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERT AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
	646-008	STATIONARY BRIGHT FINISH GRILLE		
	65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
	640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
	644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
	690-007	HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION		

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Data Code	Description	Weight Front	Weight Rear
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-002	DUAL ELECTRIC HORNS		
728-002	DUAL HORN SHIELDS		
657-1CT	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D411		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AC	LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
787-004	REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS	2	
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		

Cab Interior

707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		

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Data Code	Description	Weight Front	Weight Rear
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		

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Data Code	Description	Weight Front	Weight Rear
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-005	2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
185-002	Non-adjustable suspended pedals		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-013	ENGINE REMOTE INTERFACE CONNECTOR IN CAB BETWEEN DRIVER AND PASSENGER SEATS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		

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Data Code	Description	Weight Front	Weight Rear
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-021	AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR	2	
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-024	MULTI-BAND AM/FM/WB/CB RH MIRROR MOUNTED ANTENNA SYSTEM		
75A-002	UHF/VHF RADIO POWER/GROUND HARNESS TO OVERHEAD INSTRUMENT PANEL		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-072	SIX IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS, WIRED BEHIND PASSENGER SEAT		
836-001	2 INCH VOLTMETER		
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
304-015	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design			
065-000	PAINT: ONE SOLID COLOR		
Color			
980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		

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Data Code	Description	Weight Front	Weight Rear
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-993	BUMPER PAINTED SAME AS CHASSIS		

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		

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Q U O T A T I O N

4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRUCK
DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE
AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# DUAL TAPERLEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
4575MM (180 INCH) WHEELBASE
9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI
1600MM (63 INCH) REAR FRAME OVERHANG
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	103,880	$	103,880
CUSTOMER PRICE BEFORE TAX		**$**	***103,880***	**$**	***103,880***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**103,880**	**$**	**103,880**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan- Western Star 178D

Prepared by
D & K TRUCK COMPANY
Edward Merrill

Mar 22, 2017

Western Star 4700SB

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15T	WESTERN STAR 4700 PRL-15T (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-451	4700 SET-BACK FRONT AXLE CHASSIS	9,215	6,630
004-218	2018 MODEL YEAR SPECIFIED		
002-002	SET BACK AXLE - TRACTOR	20	
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-001	TRACTOR/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-003	DRY BULK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
Tractor Service			
AA2-001	VAN TRAILER		

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Data Code	Description	Weight Front	Weight Rear
AH6-001	SINGLE (1) TRAILER		
Engine			
101-2YA	DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM		
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79K-001	PTO MODE ENGINE RPM LIMIT - 600 RPM		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79P-001	PTO RPM WITH CRUISE SET SWITCH - 600 RPM		
79Q-001	PTO RPM WITH CRUISE RESUME SWITCH - 600 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79T-001	PTO MODE RPM INCREMENT - 25 RPM		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
79W-001	ONE REMOTE PTO SPEED		
79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
80G-001	PTO MINIMUM RPM - 600		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		

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Data Code	Description	Weight Front	Weight Rear
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES	-10	
290-017	BATTERY BOX FRAME MOUNTED	35	
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-011	NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE	-50	
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
242-998	NO MUFFLER/TAILPIPE SHIELD	-10	
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		

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Data Code	Description	Weight Front	Weight Rear
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
168-998	NO RADIATOR/OIL PAN GUARD	-5	
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
166-998	NO OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
353-061	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED	15	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	-190	
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	-10	
403-043	2011/2013-FMVSS 121 FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		

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Data Code	Description	Weight Front	Weight Rear
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING	-40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	-188	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-1GR	DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE		
421-478	4.78 REAR AXLE RATIO		
424-003	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
388-076	MXL 17N MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH FULL ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-043	2011/2013-FMVSS 121 REAR BRAKE LININGS		
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		

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Data Code	Description	Weight Front	Weight Rear
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-218	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION		
621-007	AIRLINER HIGH POSITION RIDE HEIGHT		
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP		
624-016	51 INCH AXLE SPACING		
888-047	MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE		
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH		
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE		
623-002	TRANSVERSE CONTROL RODS		
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
481-003	12 FOOT STRAIGHT TRAILER AIR HOSE	10	
476-013	HASP, HOOK AND SPRING FOR TRAILER LINES		
484-006	COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		

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Data Code	Description	Weight Front	Weight Rear
297-005	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE FRAME MOUNTED AFT CAB		
310-002	12 FOOT DETACHABLE STRAIGHT PRIMARY TRAILER ELECTRICAL CABLE WITH SAE J560 CONNECTOR	10	
Wheelbase & Frame			
545-457	4575MM (180 INCH) WHEELBASE		
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	110	-30
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-030	1600MM (63 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 116.69 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 115.44 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 273.12		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 64.95 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 22.42 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 72.99 in		
553-002	FLANGED TAPERED END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment			
674-019	LH BACK OF CAB ACCESS, GRAB HANDLES WITH SINGLE RUBBER INSERT	5	5
592-053	14 INCH (350MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	5	5
556-1E7	14 INCH PAINTED STEEL SEVERE DUTY BUMPER	130	-15
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-042	BETTS B-25 PAINTED MUDFLAP BRACKETS		15

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Data Code	Description	Weight Front	Weight Rear
590-032	WESTERN STAR LOGO BLACK MUDFLAPS		15
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-998	NO SPECIFIED HARNESS COVERING		
61C-002	SINGLE TOOL/STORAGE BOX #2 FRAME MOUNTED RH SIDE UNDER CAB		
Fifth Wheel			
578-1CH	JOST JSK37 SERIES 36.0 INCH AIR SLIDE FIFTH WHEEL	30	550
577-914	FIFTH WHEEL 914MM (36.0 INCHES) AHEAD OF SUSPENSION CENTERLINE		
582-013	171MM (6.75 INCH) FIFTH WHEEL HEIGHT		
570-001	OUTBOARD ANGLE - FIFTH WHEEL MOUNTING		
890-001	DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL		
579-005	LH FIFTH WHEEL RELEASE		
Fuel Tanks			
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-998	NO FUEL COOLER	-10	
Tires			
093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12	
094-1RW	BRIDGESTONE M726ELA 11R22.5 14 PLY RADIAL REAR TIRES		152
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS		
450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels			

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Data Code	Description	Weight Front	Weight Rear
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-039	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERT AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
690-007	HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-002	DUAL ELECTRIC HORNS		
728-002	DUAL HORN SHIELDS		
657-1CT	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D411		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1E0	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		

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Data Code	Description	Weight Front	Weight Rear
743-1AC	LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
74A-001	RH DOWN VIEW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
73A-002	REAR REFLECTIVE DEVICE		
787-004	REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS	2	
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-006	RH ELECTRIC AND LH MANUAL WINDOWS	2	
663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab Interior			
707-1D0	GRAY VINYL BASE INTERIOR		
70K-005	BLACK HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
742-026	(1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER		
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		

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Data Code	Description	Weight Front	Weight Rear
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-002	ADDITIONAL CAB SIDEWALL INSULATION	60	10
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
760-1DD	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER		
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-005	2-SPOKE 20 INCH (500MM) BLACK STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

185-002	Non-adjustable suspended pedals		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-004	STAR GAUGES WITH BLACK BEZELS		
732-001	BLACK DRIVER INSTRUMENT PANEL		
734-001	BLACK CENTER INSTRUMENT PANEL		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		

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Data Code	Description	Weight Front	Weight Rear
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-013	ENGINE REMOTE INTERFACE CONNECTOR IN CAB BETWEEN DRIVER AND PASSENGER SEATS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
750-004	(4) RADIO SPEAKERS IN CAB		
753-021	AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR	2	
748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
752-024	MULTI-BAND AM/FM/WB/CB RH MIRROR MOUNTED ANTENNA SYSTEM		
75A-002	UHF/VHF RADIO POWER/GROUND HARNESS TO OVERHEAD INSTRUMENT PANEL		
810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR		

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	Data Code	Description	Weight Front	Weight Rear
	8Z1-998	NO ZONAR SYSTEMS (SCO)		
	162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
	329-072	SIX IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 20 AMPS, WIRED BEHIND PASSENGER SEAT		
	482-001	BW TRACTOR PROTECTION VALVE		
	883-001	TRAILER HAND CONTROL BRAKE VALVE		
	836-001	2 INCH VOLTMETER		
	660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
	304-015	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
	882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-993	BUMPER PAINTED SAME AS CHASSIS		

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

4700 SET-BACK FRONT AXLE CHASSIS

SET BACK AXLE - TRACTOR
DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE
AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# DUAL TAPERLEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
4575MM (180 INCH) WHEELBASE
JOST JSK37 SERIES 36.0 INCH AIR SLIDE FIFTH WHEEL
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
1600MM (63 INCH) REAR FRAME OVERHANG
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	105,670	$	105,670
CUSTOMER PRICE BEFORE TAX		**$**	***105,670***	**$**	***105,670***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**105,670**	**$**	**105,670**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

SPECIFICATION 3958-0160D (Option "A")

		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0160D	$76,776.00	$76,776.00	$1.85	
1.2	Super Cab option	NB	NB		
1.3	Crew Cab option	NB	NB		
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		MFG STANDARD
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	INC	INC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$410.00	$410.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		

7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	NA	NA		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NA	NA		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$350.00	$350.00		NO PANIC
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
17	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	NA	NA		SWITCH WIRING ONLY
18	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
19	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
20	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	$275.00	$275.00		
21	**TRANSMISSION, AUTOMATIC INCLUDES:**				
21.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		
21.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
21.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
21.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	INC	INC		
21.5	TRANSMISSION TCM LOCATION Located Inside Cab	$970.00	$970.00		
21.6	PTO LOCATION Dual, Left and Right Side of Transmission	INC	INC		
21.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	$120.00	$120.00		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	$120.00	$120.00		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		no y cord, see fuel tank supplier
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				

30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	$560.00	$560.00		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	NC	NC		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	NC	NC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	$650.00	$650.00		
34.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
34.2	BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance	NC	NC		
35	**SPECIAL PAINT**				
35.1	School Bus Yellow [84S53]	NC	NC		
35.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0170D

		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0170D	$97,000.00	$97,000.00	$1.85	
1.2	Super Cab option				
1.3	Crew Cab option				
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	N C	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	N C	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	N C	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	N C	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	N C	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	N C	NC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	N C	NC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	N C	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	N C	NC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	N C	NC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	N C	NC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	N C	NC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	N C	NC		
3.5	FLOOR COVERING Rubber, Black	N C	NC		
3.6	HEADLINER Soft Padded Cloth	N C	NC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	N C	NC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	Inc	Inc		

3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	N C	NC		
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	Inc	Inc		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	Inc	Inc		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	na	na		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	na	na		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$410.00	$410.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	Inc	Inc		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	na	na		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	na	na		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	Inc	Inc		
10	GAUGE, DEF FLUID LEVEL	Inc	Inc		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	Inc	Inc		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	Inc	Inc		
13	STEERING COLUMN Tilting	Inc	Inc		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	Inc	Inc		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$300.00	$300.00		no panic
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	Inc	Inc		
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$170.00	$170.00		
19	BACK-UP ALARM Electric, 102 dBA	$75.00	$75.00		97DBA
20	FENDER EXTENSIONS Rubber	Inc	Inc		
21	Add'l Cab Rustproofing	$55.00	$55.00		CAB AND FENDER UNDERCOATING
22	SNOW SHIELD (2) Chrome; for Dual Air Horns	Inc	Inc		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	$51.00	$51.00		
24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	$275.00	$275.00		HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	Inc	Inc		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	Inc	Inc		
25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$970.00	$970.00		

25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	N C	NC		
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	N C	NC		no y cord, see fuel tank supplier
26	~~BODY INTEGRATED, THROTTLE CONTROL~~ Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	Inc	Inc		BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	Inc	Inc		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	Inc	Inc		
29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	Inc	Inc		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	Inc	Inc		
31	**SPECIAL PAINT**				
31.1	School Bus Yellow [84S53]	N C	NC		
31.2	Omaha Orange [W5684E]	N C	NC		

SPECIFICATION 3958-0172D

		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0172D	$113,510.00	$113,510.00	$1.85	
1.2	Super Cab option	NB	NB	NB	
1.3	Crew Cab option	na	na	na	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	NC	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	NC	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	NC	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	NC	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	NC	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	NC	NC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	NC	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	NC	NC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	NC	NC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		

3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	NA	NA		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	NA	NA		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$410.00	$410.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	NA	NA		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NA	NA		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$300.00	$300.00		NO PANIC
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	NC	NC		PUSH DOWN ELECTRIC
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
19	BACK-UP ALARM Electric, 102 dBA	$69.00	$69.00		97 DBA
20	FENDER EXTENSIONS Rubber	INC	INC		
21	Add'l Cab Rustproofing	NA	NA		
22	SNOW SHIELD (2) Chrome; for Dual Air Horns	INC	INC		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	INC	INC		
24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	$275.00	$275.00		polor extreme 2-speed
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		no external
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	YES	YES		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		

25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$970.00	$970.00		
25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	NA	NA		PTO Through Radiator.
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	INC	INC		no y cord, see fuel tank supplier
26	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	INC	INC		BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS WITH ADDITIONAL 150 AMP SERVICE
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	INC	INC		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	INC	INC		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	INC	INC		
31	SUSPENSION, REAR, AIR, SINGLE Require 14VAJ Suspension	-$247.00	-$247.00		DEDUCTION OF PRICE, ADD FOR DUMP VALVES
32	**SPECIAL PAINT**				
32.1	School Bus Yellow [84S53]	NC	NC		
32.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0173D

		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0173D	$103,880.00	$103,880.00	$1.85	
1.2	Super Cab option	NB	NB	NB	
1.3	Crew Cab option	NB	NB	NB	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	NC	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	NC	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	NC	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	NC	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	NC	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	NC	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket				

3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	NC	NC		
3.5	FLOOR COVERING Rubber, Black	NC	NC		
3.6	HEADLINER Soft Padded Cloth	NC	NC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	NC	NC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		no toll ticket
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	NC	NC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	NC	NC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	NA	NA		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	NA	NA		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$410.00	$410.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	NA	NA		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	NC	NC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	NC	NC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$300.00	$300.00		
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
19	BACK-UP ALARM Electric, 102 dBA	$75.00	$75.00		97DBA
20	FENDER EXTENSIONS Rubber	INC	INC		
21	Add'l Cab Rustproofing	NA	NA		
22	SNOW SHIELD (2) Chrome; for Dual Air Horns	INC	INC		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	INC	INC		

24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	INC	INC		
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		no exterior filter
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$970.00	$970.00		location: firewall
25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	NA	NA		PTO Through Radiator.
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	NC	NC		
26	~~BODY INTEGRATED, THROTTLE CONTROL~~ Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	INC	INC		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	$600.00	$600.00		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	INC	INC		
31	SUSPENSION, REAR, AIR, SINGLE Require 14VAJ Suspension	INCLUDED	INCLUDED		
32	**SPECIAL PAINT**				
32.1	School Bus Yellow [84S53]	NC	NC		
32.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0178D

		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1	Base cost with Regular Cab	$105,670.00	$105,670.00	$1.85	4500 RDS AT
2	**CAB CONVENTIONAL INCLUDES:**	Detroit Diesel 13L - 4500 RDS AT (450 HP @ 1650 ft. lbs. torque)			
2.1	ARM REST (2) Molded Plastic; One Each Door	inc	inc		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	inc	inc		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	inc	inc		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	inc	inc		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	inc	inc		no dim
2.6	GLASS, ALL WINDOWS Tinted	inc	inc		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	inc	inc		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	inc	inc		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	inc	inc		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	inc	inc		

3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	inc	inc		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	inc	inc		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	inc	inc		
3.5	FLOOR COVERING Rubber, Black	inc	inc		
3.6	HEADLINER Soft Padded Cloth	inc	inc		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	inc	inc		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	inc	inc		**no toll ticket**
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	**$57.00**	**$57.00**		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	inc	inc		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	inc	inc		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	NA	NA		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	NA	NA		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	**$410.00**	**$410.00**		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers				**AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939**
7	2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base harness	Std	Std		**748-006 POWER AND GROUND WIRING PROVISION OVERHEAD & UHF/VHF RADIO POWER/GROUND HARNESS TO OVERHEAD INSTRUMENT PANEL**
8	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	NA	NA		
9	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NA	NA		
10	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	inc	inc		
11	GAUGE, DEF FLUID LEVEL	inc	inc		
12	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	inc	inc		
13	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	inc	inc		
14	STEERING COLUMN Tilting	inc	inc		
15	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	inc	inc		
16	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	**$300.00**	**$300.00**		**NO PANIC**

17	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
18	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	$120.00	$120.00		
19	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
20	INSULATION, SPLASH PANELS for Sound Abatement	$176.00	$176.00		
21	BACK-UP ALARM Electric, 102 dBA	$75.00	$75.00		97DBA
22	FENDER EXTENSIONS Rubber	INC	INC		
23	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	$250.00	$250.00		NA with SBA
24	**TRANSMISSION, AUTOMATIC INCLUDES:**				
24.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		no external filter
24.2	TRANSMISSION OIL PAN Magnet in Oil Pan	inc	inc		
24.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	inc	inc		
24.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
24.5	TRANSMISSION TCM LOCATION Located Inside Cab	$970.00	$970.00		location: firewall
24.6	PTO LOCATION Dual, Left and Right Side of Transmission	nc	NC		LH SIDE ONLY 4500 RDS
24.7	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	NC	NC		LH SIDE ONLY 4500 RDS
24.8	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	INC	INC		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	INC	INC		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				
30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	$560.00	$560.00		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	inc	inc		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	$650	$650		
34	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	NC	NC		
35	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
36.1	SUSPENSION, REAR, AIR, Tandem, 55" axle spacing with shock absorbers mounted in board.	INC	INC		AIR RIDE INCLUDED IN SPEC
36.2	Suspension air control in cab	$51.00	$51.00		
37	**SPECIAL PAINT**				
37.1	School Bus Yellow [84S53]	NC	NC		

37.2	Omaha Orange	[W5684E]	NC	NC		

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A proposal for

State of Michigan – 096D 4x4 Manual Transmission

Prepared by

D & K TRUCK COMPANY

Edward Merrill

Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15M	M2 PRL-15M (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$100,130.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25900.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C

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Data Code	Description	Weight Front	Weight Rear	Retail Price
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-21T	CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM			$2,544.00
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79N-001	PTO MODE CLUTCH OVERRIDE - CLUTCH ENABLED			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD

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180-063	EATON FULLER 365MM CERAMIC 1 PLATE MAINTENANCE FREE WEAR-THROUGH CLUTCH			N/C
182-005	HYDRAULIC CLUTCH CONTROL			N/C
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00

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	140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
	134-001	ALUMINUM FLYWHEEL HOUSING			STD
	132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
	155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission					
	342-1CB	EATON FULLER FS-6406A TRANSMISSION	40	20	($1,662.00)
Transmission Equipment					
	84U-998	TCU DRIVER SW INPUTS NOT SUPPORTED			N/C
	347-002	ALUMINUM CLUTCH HOUSING			N/C
	363-011	PTO MOUNTING, LH OF MAIN TRANSMISSION			N/C
	341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN			N/C
	345-001	PAINTED SHIFT LEVER, SOLID LINKAGE			N/C
	375-006	MERITOR MTC-4210 AND MTC-4213 TRANSFER CASE OIL COOLER	20		N/C
	373-042	MERITOR MTC 4210XL-EVO 2-SPEED TRANSFER CASE	325	325	$10,945.00
	376-001	TRANSFER CASE SHIFT CONTROLS WITH TRANSFER CASE PTO ON/OFF SWITCH WHEN APPLICABLE			N/C
	35T-003	SYNTHETIC TRANSMISSION LUBE			N/C
Front Axle and Equipment					
*	400-101	MX-10-120-EVO 10,000# 1790MM KPI SINGLE FRONT DRIVE AXLE	900		$18,198.00
	398-456	4.56 FRONT AXLE RATIO			N/C
	389-079	MXL 16T MERITOR EXTENDED LUBE FRONT STEERING AXLE DRIVELINE WITH HALF ROUND YOKES			N/C
	402-087	MERITOR 16.5X5 Q+ MX DRIVE AXLE CAST SPIDER HEAVY DUTY CAM FRONT BRAKES			N/C
	403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
	419-015	MERITOR CAST IRON FRONT BRAKE DRUMS			N/C
	427-001	FRONT BRAKE DUST SHIELDS			N/C
	409-006	FRONT OIL SEALS			N/C
	416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
	405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
	536-050	TRW THP-60 POWER STEERING			STD

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539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170	($352.00)
421-456	4.56 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
382-073	MXL 17T MERITOR EXTENDED LUBE INTERTRANSMISSION DRIVELINE WITH HALF ROUND YOKES			N/C
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-002	20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		40	($1,323.00)
621-006	SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10	$234.00
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD

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623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 121.95 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 113.62 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 83.64 in			N/C

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	553-001	SQUARE END OF FRAME			STD
	550-001	FRONT CLOSING CROSSMEMBER			STD
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
	572-001	STANDARD REARMOST CROSSMEMBER			STD
	565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment					
	556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
	586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks					
	206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		$32.00
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL FRONT TIRES	30		($410.00)
	094-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL REAR TIRES		60	($820.00)
Hubs					
	418-015	MERITOR IRON FRONT HUBS			N/C

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	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$117.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-009	RUBBER CAB MOUNTS			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-009	PAINTED PLASTIC GRILLE			STD
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD
	644-004	FIBERGLASS HOOD			STD
	726-001	SINGLE ELECTRIC HORN			STD
	657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
	575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
	312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
	302-001	(5) AMBER MARKER LIGHTS			STD
	294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
	300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
	744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
	797-001	DOOR MOUNTED MIRRORS			STD
	796-001	102 INCH EQUIPMENT WIDTH			STD
	743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
	729-001	STANDARD SIDE/REAR REFLECTORS			STD
	768-043	63X14 INCH TINTED REAR WINDOW			STD
	661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
	654-003	MANUAL DOOR WINDOW REGULATORS			STD
	663-013	TINTED WINDSHIELD			STD

Prepared for:
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Data Code	Description	Weight Front	Weight Rear	Retail Price
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$17.00
756-1J1	BASIC HIGH BACK NON SUSPENSION DRIVER SEAT WITH FORE AND AFT ADJUSTMENT			STD
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$178.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD

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765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$85.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			($16.00)
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C

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	810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
	817-001	STANDARD VEHICLE SPEED SENSOR			STD
	812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
	8D1-998	NO DIRECT CONNECT			STD
	8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
	162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Secondary Factory Options				
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE			N/C
Sales Programs				
RZ1-998	NO TELEMATICS SERVICE CONTRACT			STD

T O T A L V E H I C L E S U M M A R Y

Adjusted List Price

Adjusted List Price **	$130,311.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	7280 lbs	4123 lbs	11403 lbs
Total Weight+	7280 lbs	4123 lbs	11403 lbs

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State of Michigan pricing

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM
EATON FULLER FS-6406A TRANSMISSION
DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
MX-10-120-EVO 10,000# 1790MM KPI SINGLE FRONT DRIVE AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	71,495	$	71,495
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**71,495**	**$**	**71,495**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for

State of Michigan- 096D 4x4 Automatic Freightliner

Prepared by

D & K TRUCK COMPANY

Edward Merrill

Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15M	M2 PRL-15M (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$100,130.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25900.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine					
	101-21T	CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM			$2,544.00
Electronic Parameters					
	79A-075	75 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment					
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
	99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	133-004	ONE PIECE VALVE COVER			STD
	014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
	290-017	BATTERY BOX FRAME MOUNTED			STD
	281-001	STANDARD BATTERY JUMPERS			STD
	282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
	289-001	NON-POLISHED BATTERY BOX COVER			STD
	107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD

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108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60	$6,711.00
Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-022	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84D-022	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-010	DISABLE - LOAD BASED SHIFT SCHEDULE, DISABLE - VEHICLE ACCELERATION CONTROL			N/C
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
362-159	(2) CUSTOMER INSTALLED MUNCIE CS20/CS24SERIES PTO's			N/C
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			N/C

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	97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			N/C
	370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
	375-006	MERITOR MTC-4210 AND MTC-4213 TRANSFER CASE OIL COOLER	20		N/C
	346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			N/C
	373-042	MERITOR MTC 4210XL-EVO 2-SPEED TRANSFER CASE	325	325	$10,945.00
	376-001	TRANSFER CASE SHIFT CONTROLS WITH TRANSFER CASE PTO ON/OFF SWITCH WHEN APPLICABLE			N/C
	35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment					
*	400-101	MX-10-120-EVO 10,000# 1790MM KPI SINGLE FRONT DRIVE AXLE	900		$18,198.00
	398-456	4.56 FRONT AXLE RATIO			N/C
	389-079	MXL 16T MERITOR EXTENDED LUBE FRONT STEERING AXLE DRIVELINE WITH HALF ROUND YOKES			N/C
	402-087	MERITOR 16.5X5 Q+ MX DRIVE AXLE CAST SPIDER HEAVY DUTY CAM FRONT BRAKES			N/C
	403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
	419-015	MERITOR CAST IRON FRONT BRAKE DRUMS			N/C
	427-001	FRONT BRAKE DUST SHIELDS			N/C
	409-006	FRONT OIL SEALS			N/C
	416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
	405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
	536-050	TRW THP-60 POWER STEERING			STD
	539-003	POWER STEERING PUMP			STD
	534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
	40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension					
	620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
	619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
	62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
	410-001	FRONT SHOCK ABSORBERS			STD

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Rear Axle and Equipment				
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170	($352.00)
421-456	4.56 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
382-073	MXL 17T MERITOR EXTENDED LUBE INTERTRANSMISSION DRIVELINE WITH HALF ROUND YOKES			N/C
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-002	20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		40	($1,323.00)
621-006	SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10	$234.00
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 121.95 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 113.62 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 83.64 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks					
	206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		$32.00
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL FRONT TIRES	30		($410.00)
	094-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL REAR TIRES		60	($820.00)
Hubs					
	418-015	MERITOR IRON FRONT HUBS			N/C
	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$117.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					

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Data Code	Description	Weight Front	Weight Rear	Retail Price
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-009	RUBBER CAB MOUNTS			STD
678-001	LH AND RH GRAB HANDLES			STD
646-009	PAINTED PLASTIC GRILLE			STD
65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD
644-004	FIBERGLASS HOOD			STD
726-001	SINGLE ELECTRIC HORN			STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$17.00
756-1J1	BASIC HIGH BACK NON SUSPENSION DRIVER SEAT WITH FORE AND AFT ADJUSTMENT			STD
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$178.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$85.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			($16.00)
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
869-998	NO MISCELLANEOUS GAUGES			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD
Color				
980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
98K-998	NO FUEL TANK CABINET PAINT			STD
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
Secondary Factory Options				
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE			N/C
Sales Programs				
RZ1-998	NO TELEMATICS SERVICE CONTRACT			STD

T O T A L V E H I C L E S U M M A R Y

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Adjusted List Price

Adjusted List Price **	$138,684.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	7440 lbs	4163 lbs	11603 lbs
Total Weight+	7440 lbs	4163 lbs	11603 lbs

Other Factory Charges

PMU-017	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR	$300.00
RD1-998	NO DETROIT CONNECT	STD
P73-2FT	STANDARD DESTINATION CHARGE	$2,000.00

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.
(**) Prices shown do not include taxes, fees, etc… “Net Equipment Selling Price” is located on the Quotation Details Proposal Report.

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State of Michigan Pricing

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM
ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
MX-10-120-EVO 10,000# 1790MM KPI SINGLE FRONT DRIVE AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	75,585	$	75,585
EXTENDED WARRANTY		$	0	$	0
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**75,585**	**$**	**75,585**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for

State of Michigan- 096D Manual

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 16, 2017

2018 Freightliner M2 106
Van/ Stake/ Dump/ Misc. Chassis

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25900.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY/DUMP			N/C
Engine				
101-21T	CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM			$2,544.00
Engine Equipment				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
13E-001	STANDARD OIL PAN			STD

105-001	ENGINE MOUNTED OIL CHECK AND FILL	STD
133-004	ONE PIECE VALVE COVER	STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER	STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE LEECE NEVILE BRAND ALSO AVAILABLE…TBD $	STD
292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY	STD
290-017	BATTERY BOX FRAME MOUNTED	STD
281-001	STANDARD BATTERY JUMPERS	STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB	STD
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN	STD
289-001	NON-POLISHED BATTERY BOX COVER	STD
180-063	EATON FULLER 365MM CERAMIC 1 PLATE MAINTENANCE FREE WEAR-THROUGH CLUTCH	N/C
182-005	HYDRAULIC CLUTCH CONTROL	N/C
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE	STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR	STD
131-013	AIR COMPRESSOR DISCHARGE LINE	STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE	STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH	STD
239-001	STANDARD EXHAUST SYSTEM LENGTH	STD
237-052	RH STANDARD HORIZONTAL TAILPIPE	STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK	STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL	STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION	STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING	STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP	STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH	STD

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276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-1CB	EATON FULLER FS-6406A TRANSMISSION	40	20	($1,662.00)
Transmission Equipment				
84U-998	TCU DRIVER SW INPUTS NOT SUPPORTED			N/C
347-002	ALUMINUM CLUTCH HOUSING			N/C
362-1BU	CUSTOMER INSTALLED CHELSEA 230/231/236 SERIES PTO TRANSMISSION TCM MOUNTED IN CAB FOR ALLISON TRANSMISSIONS….ADD $550.00			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C
341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN			N/C
345-001	PAINTED SHIFT LEVER, SOLID LINKAGE			N/C
35T-003	SYNTHETIC TRANSMISSION LUBE			N/C
Front Axle and Equipment				
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD

427-001	FRONT BRAKE DUST SHIELDS	5	$51.00
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		STD
536-050	TRW THP-60 POWER STEERING		STD
539-003	POWER STEERING PUMP		STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		$11.00
Front Suspension			
620-062	10,000# TAPERLEAF FRONT SUSPENSION		$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		STD
410-001	FRONT SHOCK ABSORBERS		STD
Rear Axle and Equipment			
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE	-170	($352.00)
421-456	4.56 REAR AXLE RATIO – TO BE DETERMINED BASED ON TOP SPEED REQUIREMENTS…		N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		STD
433-002	NON-ASBESTOS REAR BRAKE LINING		STD
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)		N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS		STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE		STD
Rear Suspension			
622-002	20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD	40	($1,323.00)
621-006	SPRING SUSPENSION - 2.25 INCH AXLE SPACER	10	$234.00

431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE CAB TO AXLE AND WHEELBASE DETERMINED PRICE BASED ON ENTITIES NEEDS.			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 123.71 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 93.73 in			N/C

553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
218-005	RECTANGULAR FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		$32.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
093-2KU	BRIDGESTONE ECOPIA M760 11R22.5 14 PLY RADIAL FRONT TIRES	44		($204.00)
094-2F4	BRIDGESTONE ECOPIA M710 11R22.5 14 PLY RADIAL REAR TIRES		52	($536.00)
	MICHELIN, GOODYEAR, HANKOOK BRANDS BASED ON AVAILABILITY AT TIME OF ORDER.			
Hubs				
418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
450-056	CONMET PRESET PLUS IRON REAR HUBS			STD

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Wheels

502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		STD
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		STD
511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL	70	$117.00
496-011	FRONT WHEEL MOUNTING NUTS		STD
497-011	REAR WHEEL MOUNTING NUTS		STD

Cab Exterior

829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		STD
650-009	RUBBER CAB MOUNTS		STD
678-001	LH AND RH GRAB HANDLES		STD
646-009	PAINTED PLASTIC GRILLE		STD
65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE		STD
644-004	FIBERGLASS HOOD		STD
726-001	SINGLE ELECTRIC HORN		STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		STD
302-001	(5) AMBER MARKER LIGHTS		STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS		STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS		$95.00
797-001	DOOR MOUNTED MIRRORS		STD
796-001	102 INCH EQUIPMENT WIDTH		STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		N/C
729-001	STANDARD SIDE/REAR REFLECTORS		STD
768-043	63X14 INCH TINTED REAR WINDOW		STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		STD
654-003	MANUAL DOOR WINDOW REGULATORS		STD
663-013	TINTED WINDSHIELD		STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		STD

Cab Interior

707-1AM	OPAL GRAY CLOTH INTERIOR		STD
706-013	MOLDED PLASTIC DOOR PANEL		STD
708-013	MOLDED PLASTIC DOOR PANEL		STD
772-006	BLACK MATS WITH SINGLE INSULATION		STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		STD
694-010	IN DASH STORAGE BIN		STD
742-007	(2) CUP HOLDERS LH AND RH DASH		STD
680-006	GRAY/CHARCOAL FLAT DASH		STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		STD
701-001	STANDARD HVAC DUCTING		STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		STD
170-015	STANDARD HEATER PLUMBING		STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		STD
702-002	BINARY CONTROL, R-134A		STD
739-033	STANDARD INSULATION		STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		$17.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	$212.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20	$178.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		STD
763-101	BLACK SEAT BELTS		STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL		STD
734-004	GRAY CENTER INSTRUMENT PANEL		STD

87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		N/C
870-001	BLACK GAUGE BEZELS		STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		STD
844-001	2 INCH ELECTRIC FUEL GAUGE		STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		$85.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT		($16.00)
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM		STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	$274.00
747-001	DASH MOUNTED RADIO		N/C
750-002	(2) RADIO SPEAKERS IN CAB		N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		STD
817-001	STANDARD VEHICLE SPEED SENSOR		STD
812-001	ELECTRONIC 3000 RPM TACHOMETER		STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE		STD
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		STD

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660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY	STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH	STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR	STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE	STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS	STD

Design

065-000	PAINT: ONE SOLID COLOR	STD

Color

980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS	N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	STD
98K-998	FUEL TANK ALUMINUM	STD
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)	STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)	STD
96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)	N/C
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX	STD
963-003	STANDARD E COAT/UNDERCOATING – ALUMINUM CAB CONSTRUCTION	STD

US Certification / Compliance

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6084 lbs	3790 lbs	9874 lbs
Total Weight+	6084 lbs	3790 lbs	9874 lbs

(+) Weights shown are estimates only.

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O R D E R P R I C I N G P E R S P E C

STATE OF MICHIGAN TRUCK PRICING APPLIED- GOV'T MUNICIPAL PROGRAM THRU DAIMLER

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM
EATON FULLER FS-6406A TRANSMISSION
DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	56,408	$	56,408
CUSTOMER PRICE BEFORE TAX		**$**	***56,408***	**$**	***56,408***
TAXES AND FEES					
MICHIGAN TITLE FEE		$	15	$	15
NO 6% SALES TAX		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**56,423**	**$**	**56,423**

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan- 096D 4x2 Auto Freightliner

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15M	M2 PRL-15M (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$100,130.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25900.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine					
	101-21T	CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM			$2,544.00
Electronic Parameters					
	79A-075	75 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment					
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
	99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	133-004	ONE PIECE VALVE COVER			STD
	014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
	290-017	BATTERY BOX FRAME MOUNTED			STD
	281-001	STANDARD BATTERY JUMPERS			STD
	282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
	289-001	NON-POLISHED BATTERY BOX COVER			STD
	107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD

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Phone: (517) 484-1905 Ext. 129

Data Code	Description	Weight Front	Weight Rear	Retail Price
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60	$6,711.00
Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
362-159	(2) CUSTOMER INSTALLED MUNCIE CS20/CS24SERIES PTO's			N/C
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD

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345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			N/C
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			N/C
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			N/C
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
427-001	FRONT BRAKE DUST SHIELDS	5		$51.00
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170	($352.00)
421-456	4.56 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-002	20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		40	($1,323.00)
621-006	SPRING SUSPENSION - 2.25 INCH AXLE SPACER		10	$234.00
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 123.71 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 93.73 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00

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	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		$32.00
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2KU	BRIDGESTONE ECOPIA M760 11R22.5 14 PLY RADIAL FRONT TIRES	44		($204.00)
	094-2F4	BRIDGESTONE ECOPIA M710 11R22.5 14 PLY RADIAL REAR TIRES		52	($536.00)
Hubs					
	418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$117.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-009	RUBBER CAB MOUNTS			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-009	PAINTED PLASTIC GRILLE			STD
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD
	644-004	FIBERGLASS HOOD			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
726-001	SINGLE ELECTRIC HORN			STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$17.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$212.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$178.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD

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160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$85.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			($16.00)
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD

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	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

- SET BACK AXLE - TRUCK
- CUM B6.7 240 HP @ 2400 RPM, 2600 GOV, 560 LB/FT @ 1600 RPM
- ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
- DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
- 20,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
- DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
- 10,000# TAPERLEAF FRONT SUSPENSION
- 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- 4875MM (192 INCH) WHEELBASE
- 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
- 1900MM (75 INCH) REAR FRAME OVERHANG

		PER UNIT	TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$ 60,513	$ 60,513

COMMENTS: Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.
APPROVAL: Please indicate your acceptance of this quotation by signing below: Customer:
X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-134D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15M	M2 PRL-15M (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$100,130.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 15000.0 lbs			
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 23400.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs			

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-21N	CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM			$590.00
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD

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289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-101	RH INBOARD FRAME MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH HORIZONTAL TAILPIPE	-50	-50	($1,000.00)
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C

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134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-1MK	ALLISON 2100 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION			$253.00
Transmission Equipment				
343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			$45.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			$25.00
362-1BU	CUSTOMER INSTALLED CHELSEA 230/231/236 SERIES PTO			N/C

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363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-072	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITHOUT PARK BRAKE POSITION			STD
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-001	TRANSMISSION OIL CHECK AND FILL			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-021	MERITOR 15X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			$119.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-015	MERITOR CAST IRON FRONT BRAKE DRUMS	-10		($18.00)
409-002	SKF SCOTSEAL CLASSIC FRONT OIL SEALS			N/C
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				

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420-1CY	DETROIT DA-RS-15.0-2 15,000# F-SERIES SINGLE REAR AXLE		-185	$676.00
421-478	4.78 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-001	MERITOR 15X6 Q+ CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		-30	N/C
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-018	WEBB CAST IRON REAR BRAKE DRUMS		50	N/C
440-001	SKF SCOTSEAL CLASSIC REAR OIL SEALS			N/C
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-1MC	16,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION		-10	($1,813.00)
621-004	SPRING SUSPENSION - 1.50" AXLE SPACER		10	$62.00
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD

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477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 128.56 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 134.47 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				

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	206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5		N/C
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-1JA	BF GOODRICH ST230 225/70R19.5 14 PLY RADIAL FRONT TIRES	-110		($776.00)
	094-1JA	BF GOODRICH ST230 225/70R19.5 14 PLY RADIAL REAR TIRES		-220	($1,552.00)
Hubs					
	418-014	WEBB IRON FRONT HUBS	20		$190.00
	450-014	WEBB IRON REAR HUBS		-20	N/C
Wheels					
	502-1EB	ACCURIDE 50180 19.5X6.75 8-HUB PILOT 5.12 INSET 4-HAND STEEL DISC FRONT WHEELS	-22		$28.00
	505-1EB	ACCURIDE 50180 19.5X6.75 8-HUB PILOT 4-HAND STEEL DISC REAR WHEELS		-44	$56.00
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$117.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-009	RUBBER CAB MOUNTS			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-009	PAINTED PLASTIC GRILLE			STD

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	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD
	644-004	FIBERGLASS HOOD			STD
	726-001	SINGLE ELECTRIC HORN			STD
	657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
	575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
	312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
	302-001	(5) AMBER MARKER LIGHTS			STD
	294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
	300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
	744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
	797-001	DOOR MOUNTED MIRRORS			STD
	796-001	102 INCH EQUIPMENT WIDTH			STD
	743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
	729-001	STANDARD SIDE/REAR REFLECTORS			STD
	768-043	63X14 INCH TINTED REAR WINDOW			STD
	661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
	654-003	MANUAL DOOR WINDOW REGULATORS			STD
	663-013	TINTED WINDSHIELD			STD
	659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior					
	707-1AM	OPAL GRAY CLOTH INTERIOR			STD
	706-013	MOLDED PLASTIC DOOR PANEL			STD
	708-013	MOLDED PLASTIC DOOR PANEL			STD
	772-006	BLACK MATS WITH SINGLE INSULATION			STD
	691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
	694-010	IN DASH STORAGE BIN			STD
	742-007	(2) CUP HOLDERS LH AND RH DASH			STD
	680-006	GRAY/CHARCOAL FLAT DASH			STD
	700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
	701-001	STANDARD HVAC DUCTING			STD
	703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD

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170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			$68.00
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$17.00
756-033	FULL WIDTH BENCH SEAT	50		($43.00)
760-998	NO FRONT PASSENGER SEAT	-30		N/C
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD

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160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$85.00
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			$76.00
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD			$23.00
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			$92.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
329-091	(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			$464.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-025	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET			$22.00

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM
ALLISON 2100 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RS-15.0-2 15,000# F-SERIES SINGLE REAR AXLE
16,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION
DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
~~VEHICLE PRICE~~	~~**TOTAL # OF UNITS (1)**~~	~~$~~	~~55,522~~	~~$~~	~~55,522~~
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**55,522**	**$**	**55,522**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-135D

Prepared by
D & K TRUCK COMPANY
Edward Merrill

Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-14M	M2 PRL-14M (EFF:10/05/15)			N/C
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$98,616.00
004-217	2017 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 15000.0 lbs			
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 23400.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs			

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Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-2N2	CUM ISB 6.7-200 200 HP @ 2300 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM			STD
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-016	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17 BUT NOT FINAL GHG17 CONFIGURATION			STD
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD

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291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-1MM	ALLISON 2200 RDS AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION			$859.00
Transmission Equipment				
343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
362-1BU	CUSTOMER INSTALLED CHELSEA 230/231/236 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C

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341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-074	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITH PARK POSITION FOR INTERNAL PARK PAWL			N/C
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-001	TRANSMISSION OIL CHECK AND FILL			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-021	MERITOR 15X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			$140.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-015	MERITOR CAST IRON FRONT BRAKE DRUMS	-10		($18.00)
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170	($360.00)

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421-478	4.78 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-1ME	18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		90	($1,620.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD

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477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 123.56 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 93.58 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00

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	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-084	ALLIANCE FUEL FILTER/WATER SEPARATOR WITH PRIMER PUMP			STD
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2C5	HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES	8		($292.00)
	094-2EU	HANKOOK DH06 11R22.5 14 PLY RADIAL REAR TIRES		64	($600.00)
Hubs					
	418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$138.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-009	RUBBER CAB MOUNTS			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-009	PAINTED PLASTIC GRILLE			STD
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD

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644-004	FIBERGLASS HOOD			STD
726-001	SINGLE ELECTRIC HORN			STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$16.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$212.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$250.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
329-091	(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			$464.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD

T O T A L V E H I C L E S U M M A R Y

Adjusted List Price

Adjusted List Price **	$100,219.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	5998 lbs	3822 lbs	9820 lbs

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Total Weight+	5998 lbs	3822 lbs	9820 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

PMU-016	2016 OBD/2010 EPA/CARB/GHG14 ESCALATOR	$300.00
RD1-998	NO DETROIT CONNECT	STD
P73-2FT	STANDARD DESTINATION CHARGE	$2,000.00

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.
(**) Prices shown do not include taxes, fees, etc… “Net Equipment Selling Price” is located on the Quotation Details Proposal Report.

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM ISB 6.7-200 200 HP @ 2300 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM
ALLISON 2200 RDS AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION
DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	55,522	$	55,522
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE		**$**	***55,522***	**$**	***55,522***

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-136D

Prepared by
D & K TRUCK COMPANY
Edward Merrill

Mar 21, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-14M	M2 PRL-14M (EFF:10/05/15)			N/C
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$98,616.00
004-217	2017 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 8400.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 15000.0 lbs			
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 23400.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs			

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-2N2	CUM ISB 6.7-200 200 HP @ 2300 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM			STD
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-016	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17 BUT NOT FINAL GHG17 CONFIGURATION			STD
99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00

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140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-1MM	ALLISON 2200 RDS AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION			$859.00
Transmission Equipment				
343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
362-1BU	CUSTOMER INSTALLED CHELSEA 230/231/236 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C

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341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-074	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITH PARK POSITION FOR INTERNAL PARK PAWL			N/C
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-001	TRANSMISSION OIL CHECK AND FILL			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-021	MERITOR 15X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			$140.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-015	MERITOR CAST IRON FRONT BRAKE DRUMS	-10		($18.00)
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			$21.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C6	DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE		-170	($360.00)

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421-478	4.78 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-1ME	18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		90	($1,620.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 123.56 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 93.58 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-084	ALLIANCE FUEL FILTER/WATER SEPARATOR WITH PRIMER PUMP			STD
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2C5	HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES	8		($292.00)
	094-2EU	HANKOOK DH06 11R22.5 14 PLY RADIAL REAR TIRES		64	($600.00)
Hubs					
	418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$138.00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-009	RUBBER CAB MOUNTS			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-009	PAINTED PLASTIC GRILLE			STD
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD

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644-004	FIBERGLASS HOOD			STD
726-001	SINGLE ELECTRIC HORN			STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$16.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$212.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$250.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
329-091	(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			$464.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD

T O T A L V E H I C L E S U M M A R Y

Adjusted List Price

Adjusted List Price **	$100,219.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	5998 lbs	3822 lbs	9820 lbs

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Total Weight+	5998 lbs	3822 lbs	9820 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

PMU-016	2016 OBD/2010 EPA/CARB/GHG14 ESCALATOR	$300.00
RD1-998	NO DETROIT CONNECT	STD
P73-2FT	STANDARD DESTINATION CHARGE	$2,000.00

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.
(**) Prices shown do not include taxes, fees, etc… “Net Equipment Selling Price” is located on the Quotation Details Proposal Report.

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM ISB 6.7-200 200 HP @ 2300 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM
ALLISON 2200 RDS AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION
DETROIT DA-RS-17.5-2 17,500# R-SERIES SINGLE REAR AXLE
18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
10,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	55,522	$	55,522
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE		**$**	***55,522***	**$**	***55,522***

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for

State of Michigan- 160D "A"

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 28, 2017

Freightliner M2 106

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15M	M2 PRL-15M (EFF:10/25/16)		
Data Version			
DRL-017	SPECPRO21 DATA RELEASE VER 017		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-011	FIXED LOAD COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs		
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs		
Truck Service			
AA3-005	FLATBED/PLATFORM/STAKE BODY		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine			
101-21X	CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM		
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-010	NO 2008 CARB EMISSION CERTIFICATION		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES		
290-017	BATTERY BOX FRAME MOUNTED		
281-001	STANDARD BATTERY JUMPERS		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		

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Data Code	Description	Weight Front	Weight Rear
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-001	FULL FLOW OIL FILTER		
266-078	950 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4	

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Data Code	Description	Weight Front	Weight Rear
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH		
Transmission			
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		

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Data Code	Description	Weight Front	Weight Rear
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
402-021	MERITOR 15X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-015	MERITOR CAST IRON FRONT BRAKE DRUMS	-10	
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-050	TRW THP-60 POWER STEERING		
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			

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Data Code	Description	Weight Front	Weight Rear
420-1C8	DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE		
421-614	6.14 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE		
Rear Suspension			
622-1MG	21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		100
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
439-001	REAR SHOCK ABSORBERS - ONE AXLE		40
Brake System			
018-002	AIR BRAKE PACKAGE		
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		

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Data Code	Description	Weight Front	Weight Rear
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE		
Wheelbase & Frame			
545-487	4875MM (192 INCH) WHEELBASE		
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120
552-014	1900MM (75 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS		
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20

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	Data Code	Description	Weight Front	Weight Rear
	204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20	
	218-005	RECTANGULAR FUEL TANK(S)		
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35
	664-001	PLAIN STEP FINISH		
	205-001	FUEL TANK CAP(S)		
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires				
	093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12	
	094-1DK	BF GOODRICH DR444 11R22.5 14 PLY RADIAL REAR TIRES		32
Hubs				
	418-056	CONMET PRESET PLUS IRON FRONT HUBS		
	450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels				
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		
	511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior				
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	650-008	AIR CAB MOUNTS		
	678-001	LH AND RH GRAB HANDLES		
	646-009	PAINTED PLASTIC GRILLE		
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE		

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Data Code	Description	Weight Front	Weight Rear
644-004	FIBERGLASS HOOD		
727-066	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	8	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-003	MANUAL DOOR WINDOW REGULATORS		
663-013	TINTED WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		
Cab Interior			
707-1AM	OPAL GRAY CLOTH INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
694-010	IN DASH STORAGE BIN		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		

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Data Code	Description	Weight Front	Weight Rear
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		

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Data Code	Description	Weight Front	Weight Rear
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
8D1-998	NO DIRECT CONNECT		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-011	IDLE LIMITER, ELECTRONIC ENGINE		
329-091	(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		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		

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	Data Code	Description	Weight Front	Weight Rear
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
	869-998	NO MISCELLANEOUS GAUGES		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	98K-998	NO FUEL TANK CABINET PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)		
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX		
	963-003	STANDARD E COAT/UNDERCOATING		

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6252 lbs	4070 lbs	10322 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM
ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE
21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# DUAL TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4875MM (192 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	67,185	$	67,185
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***67,185***	**$**	***67,185***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**67,185**	**$**	**67,185**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-160D-B

Prepared by
D & K TRUCK COMPANY
Edward Merrill

Mar 21, 2017

Freightliner 108SD

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15D	SD PRL-15D (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-176	108SD CONVENTIONAL CHASSIS	6,829	3,748	$120,630.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-011	CONSTRUCTION SERVICE			STD
A84-1CO	CONSTRUCTION BUSINESS SEGMENT			STD
AA4-003	DRY BULK COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			STD

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
Engine					
	101-21X	CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM	-640	-30	($3,345.00)
Electronic Parameters					
	79A-075	75 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment					
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
	99D-010	NO 2008 CARB EMISSION CERTIFICATION			STD
	PMT-998	NO 2013 ENGINE ESCALATOR			N/C
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	014-1C5	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10		$573.00
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES			STD
	290-017	BATTERY BOX FRAME MOUNTED			STD
	281-001	STANDARD BATTERY JUMPERS			STD
	282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB			STD
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
	289-001	NON-POLISHED BATTERY BOX COVER			STD
	293-061	POSITIVE LOAD DISCONNECT WITH CONTROL SWITCH WITH LOCKING PROVISION MOUNTED OUTSIDE OF CAB	2		$207.00

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107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH			N/C
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			N/C
266-028	1200 SQUARE INCH ALUMINUM RADIATOR	10		STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$97.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION			($75.00)

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LANSING, MI 48917
Phone: (517) 484-1905 Ext. 129

Data Code	Description	Weight Front	Weight Rear	Retail Price
Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-002	ALLISON VOCATIONAL RATING FOR CONCRETE MIXER APPLICATIONS ONLY AVAILABLE WITH 3000 PRODUCT FAMILIES			STD
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			$38.00
362-1BX	CHELSEA PTO - CHL230XKAJX P3XK	50		$1,938.00
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			STD
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
427-001	FRONT BRAKE DUST SHIELDS	5		$51.00
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE			STD
Front Suspension				
620-1E9	12,000# MONO TAPERLEAF FRONT SUSPENSION			STD
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C8	DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE			STD
421-614	6.14 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD

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434-019	ASPHALT SPREADER CLEARANCE REAR BRAKE GEOMETRY			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
425-002	REAR BRAKE DUST SHIELDS		5	$61.00
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			$43.00
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1MG	21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		20	($226.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			STD
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
Brake System				
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-402	4025MM (158 INCH) WHEELBASE			STD
546-099	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI	-40	-90	($155.00)

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Data Code	Description	Weight Front	Weight Rear	Retail Price
552-030	1600MM (63 INCH) REAR FRAME OVERHANG			STD
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH			N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 92.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 89.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 260.37			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 92.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 42.25 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 70.76 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1E5	14 INCH PAINTED STEEL BUMPER			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$768.00
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	-10		($36.00)
218-005	RECTANGULAR FUEL TANK(S)			N/C
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT			N/C
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	5		$58.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD

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	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12		($216.00)
	094-1JH	BF GOODRICH DR454 11R22.5 14 PLY RADIAL REAR TIRES		36	($532.00)
Hubs					
	418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
	450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels					
	502-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26		STD
	505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52	STD
Cab Exterior					
	829-1A5	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-008	AIR CAB MOUNTS			STD
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
	667-004	FRONT FENDERS SET-BACK AXLE			STD
	678-001	LH AND RH GRAB HANDLES			STD
	646-041	STATIONARY BLACK GRILLE			STD
	65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE			STD
	644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10		$590.00
	727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS	4		$53.00
	726-001	SINGLE ELECTRIC HORN			STD
	728-002	DUAL HORN SHIELDS			N/C
	657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
	575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
	312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS			STD
	302-001	(5) AMBER MARKER LIGHTS			STD
	315-062	RECTANGULAR CLEAR FOG LIGHTS MOUNTED UNDER BUMPER	6		$181.00
	294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
	300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD

Data Code	Description	Weight Front	Weight Rear	Retail Price
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS			STD
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-007	8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR			STD
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
	756-155	FULL WIDTH BENCH SEAT WITH FOLDING BACK	50		($2.00)
	760-998	NO FRONT PASSENGER SEAT	-30		N/C
	711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
N	758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
	763-101	BLACK SEAT BELTS			STD
	532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
	540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
	765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls					
	732-004	GRAY DRIVER INSTRUMENT PANEL			STD
	734-004	GRAY CENTER INSTRUMENT PANEL			STD
	87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
	870-001	BLACK GAUGE BEZELS			STD
	486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
	840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
	198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
	149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
	156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
	811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
	160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
	844-001	2 INCH ELECTRIC FUEL GAUGE			STD
	148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$285.00
	163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
	856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
	864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD

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	830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
	852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
	746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
	747-001	DASH MOUNTED RADIO			N/C
	750-002	(2) RADIO SPEAKERS IN CAB			N/C
	753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
	810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
	817-001	STANDARD VEHICLE SPEED SENSOR			STD
	812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
	8D1-998	NO DIRECT CONNECT			STD
	8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
	162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
	329-083	SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT			$136.00
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
964-020	STANDARD BLACK BUMPER PAINT			STD
963-003	STANDARD E COAT/UNDERCOATING			STD

Certification / Compliance

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Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM
ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE
21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# MONO TAPERLEAF FRONT SUSPENSION
108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4025MM (158 INCH) WHEELBASE
9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6MM/0.281X10.06 INCH) 120KSI
1600MM (63 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	67,185	$	67,185
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE B		**$**	***67,185***	**$**	***67,185***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**67,185**	**$**	**67,185**

COMMENTS: Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.
APPROVAL: Please indicate your acceptance of this quotation by signing below:
Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan- 160D- C

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 21, 2017

Freightliner 108SD

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15D	SD PRL-15D (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-176	108SD CONVENTIONAL CHASSIS	6,829	3,748	$120,630.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-011	CONSTRUCTION SERVICE			STD
A84-1CO	CONSTRUCTION BUSINESS SEGMENT			STD
AA4-003	DRY BULK COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			STD

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Phone: (517) 484-1905 Ext. 129

	Data Code	Description	Weight Front	Weight Rear	Retail Price
Engine					
	101-22P	CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM			$2,107.00
Electronic Parameters					
	79A-075	75 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment					
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
	99D-010	NO 2008 CARB EMISSION CERTIFICATION			STD
	PMT-998	NO 2013 ENGINE ESCALATOR			N/C
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES			STD
	290-017	BATTERY BOX FRAME MOUNTED			STD
	281-001	STANDARD BATTERY JUMPERS			STD
	282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB			STD
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
	289-001	NON-POLISHED BATTERY BOX COVER			STD
	107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
	152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD

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128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20		N/C
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			STD
266-028	1200 SQUARE INCH ALUMINUM RADIATOR	10		STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4		$86.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION			($75.00)

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Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-002	ALLISON VOCATIONAL RATING FOR CONCRETE MIXER APPLICATIONS ONLY AVAILABLE WITH 3000 PRODUCT FAMILIES			STD
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S			N/C
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD

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35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			STD
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE			STD
Front Suspension				
620-1E9	12,000# MONO TAPERLEAF FRONT SUSPENSION			STD
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1C8	DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE			STD
421-522	5.22 REAR AXLE RATIO			STD
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C

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451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1MG	21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		20	($226.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			STD
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
Brake System				
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-402	4025MM (158 INCH) WHEELBASE			STD
546-100	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI			STD
552-030	1600MM (63 INCH) REAR FRAME OVERHANG			STD
553-001	SQUARE END OF FRAME			STD

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550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1E5	14 INCH PAINTED STEEL BUMPER			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$768.00
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	-10		($36.00)
218-005	RECTANGULAR FUEL TANK(S)			N/C
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT			N/C
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5		$58.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12		($216.00)
094-1JH	BF GOODRICH DR454 11R22.5 14 PLY RADIAL REAR TIRES		36	($532.00)
Hubs				
418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels				
502-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26		STD

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505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52	STD
Cab Exterior				
829-1A5	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTS			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-004	FRONT FENDERS SET-BACK AXLE			STD
678-001	LH AND RH GRAB HANDLES			STD
646-041	STATIONARY BLACK GRILLE			STD
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE			STD
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10		$590.00
727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS	4		$53.00
726-001	SINGLE ELECTRIC HORN			STD
728-002	DUAL HORN SHIELDS			N/C
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS			STD
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-007	8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR			STD
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD

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708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
756-1J1	BASIC HIGH BACK NON SUSPENSION DRIVER SEAT WITH FORE AND AFT ADJUSTMENT			STD
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT			STD
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD

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734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD

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	329-083	SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT			$136.00
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	964-020	STANDARD BLACK BUMPER PAINT			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					

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Q U O T A T I O N

108SD CONVENTIONAL CHASSIS

- SET BACK AXLE - TRUCK
- CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM
- ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
- DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE
- 21,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
- DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
- 12,000# MONO TAPERLEAF FRONT SUSPENSION
- 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- 4025MM (158 INCH) WHEELBASE
- 11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI
- 1600MM (63 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	66,850	$	66,850
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**66,850**	**$**	**66,850**

COMMENTS: Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL: Please indicate your acceptance of this quotation by signing below:
Customer: X_____ Date: ___ / ___ / ___.

Prepared for:
Ds J T
State of Michigan
2522 West Main Street
Lansing, MI 48917
Phone: 517-334-7763

Prepared by:
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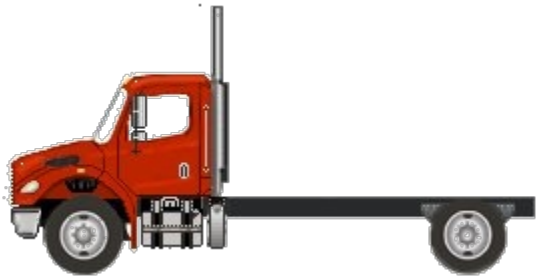
D & K TRUCK COMPANY
3020 Snow Rd
LANSING, MI 48917
Phone: (517) 484-1905 Ext. 129

A proposal for
State of Michigan- 164D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 21, 2017

Freightliner M2 106



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15M	M2 PRL-15M (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503	$100,130.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE			STD
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs			
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs			
A69-99D	EXPECTED TAG AXLE(S) LOAD : 0.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 29500.0 lbs			

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs			
Truck Service					
	AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C
	AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine					
	101-21N	CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM			$590.00
Electronic Parameters					
	79A-075	75 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
	79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
	79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
	80G-002	PTO MINIMUM RPM - 700			N/C
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment					
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C
	99D-010	NO 2008 CARB EMISSION CERTIFICATION			N/C
	13E-001	STANDARD OIL PAN			STD
	105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
	133-004	ONE PIECE VALVE COVER			STD
	014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
	292-1D8	(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY			STD
	290-017	BATTERY BOX FRAME MOUNTED			STD
	281-001	STANDARD BATTERY JUMPERS			STD
	282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	$798.00
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-020	10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			($4.00)
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)			N/C
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD

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270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		$108.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-1MG	ALLISON 2500 HS AUTOMATIC TRANSMISSION, NO PTO PROVISION			STD
Transmission Equipment				
343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS			STD
84B-005	ALLISON VOCATIONAL RATING FOR HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			STD
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD

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341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-072	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITHOUT PARK BRAKE POSITION			STD
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-001	TRANSMISSION OIL CHECK AND FILL			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			STD
402-021	MERITOR 15X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			$119.00
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-015	MERITOR CAST IRON FRONT BRAKE DRUMS	-10		($18.00)
427-001	FRONT BRAKE DUST SHIELDS	5		$51.00
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42		$57.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
62H-998	NO FRONT SUSPENSION SPRING BRACKET OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
420-1GH	DETROIT DA-RS-17.5-4 17,500# R-SERIES SINGLE REAR AXLE		-15	($165.00)

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421-614	6.14 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
425-002	REAR BRAKE DUST SHIELDS			$60.00
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
Rear Suspension				
622-1ME	18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		90	($1,620.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
439-001	REAR SHOCK ABSORBERS - ONE AXLE		40	$179.00
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD

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479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE			STD
Wheelbase & Frame				
545-487	4875MM (192 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120	$557.00
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 126.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 123.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 296.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 126.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 123.56 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 93.58 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS			STD
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD

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Fuel Tanks				
206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	$820.00
204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	20		$31.00
218-005	RECTANGULAR FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	-35	35	N/C
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5		N/C
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
093-2G9	BRIDGESTONE ECOPIA R268 11R22.5 14 PLY RADIAL FRONT TIRES	12		($216.00)
094-1DK	BF GOODRICH DR444 11R22.5 14 PLY RADIAL REAR TIRES		32	($364.00)
Hubs				
418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels				
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS			STD
511-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC SPARE WHEEL		70	$117.00
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior				
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTS			$118.00
678-001	LH AND RH GRAB HANDLES			STD

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646-009	PAINTED PLASTIC GRILLE			STD
65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE			STD
644-004	FIBERGLASS HOOD			STD
727-066	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	8		$200.00
726-002	DUAL ELECTRIC HORNS			$10.00
728-002	DUAL HORN SHIELDS			N/C
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-001	(5) AMBER MARKER LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS			$95.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AM	OPAL GRAY CLOTH INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD

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700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			$17.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$212.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		$178.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$85.00
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
73B-998	NO LANE DEPARTURE WARNING SYSTEM			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
8D1-998	NO DIRECT CONNECT			STD
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
329-091	(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			$464.00

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	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
	869-998	NO MISCELLANEOUS GAUGES			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	96F-972	POWDER WHITE (N0006EA) SPARE WHEEL/RIM (PKWHT21, TKWHT21, W, TW)			N/C
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
Secondary Factory Options					
	999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE			N/C

T O T A L V E H I C L E S U M M A R Y

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Adjusted List Price

Adjusted List Price **	$103,391.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6082 lbs	4010 lbs	10092 lbs
Total Weight+	6082 lbs	4010 lbs	10092 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

PMU-017	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR	$300.00
RD1-998	NO DETROIT CONNECT	STD
P73-2FT	STANDARD DESTINATION CHARGE	$2,000.00

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.
(**) Prices shown do not include taxes, fees, etc… “Net Equipment Selling Price” is located on the Quotation Details Proposal Report.

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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

- SET BACK AXLE - TRUCK
- CUM B6.7 200 HP @ 2400 RPM, 2600 GOV, 520 LB/FT @ 1600 RPM
- ALLISON 2500 HS AUTOMATIC TRANSMISSION, NO PTO PROVISION
- DETROIT DA-RS-17.5-4 17,500# R-SERIES SINGLE REAR AXLE
- 18,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
- DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
- 12,000# DUAL TAPERLEAF FRONT SUSPENSION
- 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- 4875MM (192 INCH) WHEELBASE
- 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI
- 1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	57,080	$	57,080
		$	0	$	0
		$	0	$	0

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**57,080**	**$**	**57,080**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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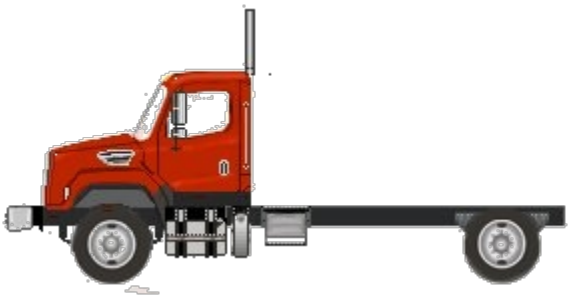
A proposal for
State of Michigan-170D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 21, 2017

Freightliner 114SD



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-15D	SD PRL-15D (EFF:10/25/16)			STD
Data Version				
DRL-016	SPECPRO21 DATA RELEASE VER 016			N/C
Vehicle Configuration				
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,576	$152,985.00
004-218	2018 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK	480	-480	($2,442.00)
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10	$1,197.00
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-003	TRUCK/TRAILER CONFIGURATION			N/C
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-010	DIRT/SAND/ROCK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY			N/C
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 26000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 44000.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs			

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE			N/C
Tractor Service				
AA2-005	FLATBED TRAILER			N/C
AH6-001	SINGLE (1) TRAILER			N/C
Engine				
101-22T	CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM	-850	-70	($5,097.00)
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			STD
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			$109.00
PMT-998	NO 2013 ENGINE ESCALATOR			N/C
13E-001	STANDARD OIL PAN			STD
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY			$122.00
104-002	FUMOTO DRAIN VALVE(S) ON OIL PAN			$47.00
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10		$569.00
124-1DJ	DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10		$135.00

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292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES			STD
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	15		$229.00
281-001	STANDARD BATTERY JUMPERS			STD
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB			$261.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8		$230.00
295-003	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART CHASSIS MOUNTED LH BACK OF CAB	4		$123.00
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20		N/C
016-1E2	RAISED RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	40	35	$1,369.00
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-014	09 FOOT 06 INCH (114 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			($4.00)
237-1F8	RH CURVED VERTICAL TAILPIPE B-PILLAR RAISED UNDER STEP MOUNTED AFTERTREATMENT SYSTEM			N/C
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10	($95.00)
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			($17.00)
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK			$32.00
43X-005	LH UNDER CAB DIESEL EXHAUST FLUID TANK LOCATION			$105.00
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD

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242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)			N/C
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE			$380.00
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20		N/C
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
360-016	1310 ADAPTER FLANGE FOR FRONT PTO PROVISION	25		$1,458.00
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4		$86.00
166-002	PHILLIPS-TEMRO 150 WATT/115 VOLT OIL PREHEATER	4		$110.00
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			$14.00
132-004	ELECTRIC GRID AIR INTAKE WARMER			N/C
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-10		N/C
Transmission				
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	$13,178.00
Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
353-026	VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB			$772.00
34C-002	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR MOUNTED BACK OF CAB			$70.00
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S			N/C
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK	-30		N/C
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	210		$2,253.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10		N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD

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419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
427-001	FRONT BRAKE DUST SHIELDS	5		$106.00
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-022	STEMCO SENTINEL BLUE ESP CENTER PLUG ALUMINUM VENTED FRONT HUB CAPS WITH WINDOW, WITHOUT SIDE PLUG - OIL			$33.00
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD
536-012	TRW TAS-85 POWER STEERING	40		N/C
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR	5		$48.00
533-001	OIL/AIR POWER STEERING COOLER	5		$291.00
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			$11.00
Front Suspension				
620-005	18,000# FLAT LEAF FRONT SUSPENSION	290		$767.00
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION			N/C
410-998	NO FRONT SHOCK ABSORBERS	-30		N/C
Rear Axle and Equipment				
420-022	RS-26-185 26,000# T-SERIES SINGLE REAR AXLE		-2,080	($5,170.00)
421-538	5.38 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-076	MXL 17N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES			($405.00)
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20	$667.00
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE			N/C
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH			N/C
423-010	MERITOR 16.5X7 P CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES		20	N/C
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-030	WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS		80	N/C

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425-002	REAR BRAKE DUST SHIELDS		5	$61.00
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS			STD
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20	N/C
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			$43.00
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE			$94.00
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1DC	26,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		130	($1,323.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			STD
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL			N/C
460-090	STEEL AIR BRAKE RESERVOIRS, NO TRIPLE OR TORPEDO TANKS			N/C
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS			N/C
296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE			$225.00

Prepared for:
Ds J T
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Data Code	Description	Weight Front	Weight Rear	Retail Price
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME			N/C
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
331-001	SUPPLEMENTAL J560 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE			$91.00
Wheelbase & Frame				
545-460	4600MM (181 INCH) WHEELBASE			N/C
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	180	310	$1,688.00
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	180		$851.00
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW			N/C
552-061	2500MM (98 INCH) REAR FRAME OVERHANG			N/C
55W-009	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-40	190	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	115	-20	$500.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 115.45 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 112.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 348.61			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 115.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 69.35 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 106.83 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1E5	14 INCH PAINTED STEEL BUMPER	20		$242.00
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
585-042	BETTS B-25 PAINTED MUDFLAP BRACKETS		15	$46.00
590-036	ECO-FLAP BLACK MUDFLAPS, NO LOGO		15	$147.00
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD

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Fuel Tanks				
204-190	40 GALLON/151 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	-10	-5	($76.00)
218-005	RECTANGULAR FUEL TANK(S)			N/C
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-011	FUEL TANK(S) FORWARD - RAISED MOUNTING			$360.00
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1H9	DAVCO 245 FUEL/WATER SEPARATOR WITH ESOC AND WATER IN FUEL SENSOR	20		$385.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
093-1Y1	GOODYEAR G296 MSA 385/65R22.5 18 PLY RADIAL FRONT TIRES	112		$592.00
094-1X9	GOODYEAR G622 RSD 12R22.5 16 PLY RADIAL REAR TIRES		104	$804.00
Hubs				
418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels				
502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98		$390.00
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		52	STD
Cab Exterior				
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTS			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-037	SHORT FENDER WITH MUDFLAP			$131.00
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10		$84.00
678-001	LH AND RH GRAB HANDLES			STD
646-041	STATIONARY BLACK GRILLE			STD
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE			STD

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644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10		$590.00
690-017	HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION	5		$269.00
727-1AH	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED			STD
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			STD
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS			$19.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS			$58.00
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS			STD
302-001	(5) AMBER MARKER LIGHTS			STD
315-808	WIRING AND SWITCH ONLY FOR CUSTOMER FURNISHED FOG LIGHTS			$31.00
311-021	HEADLIGHTS ON WITH WIPERS, NO DAYTIME RUNNING LIGHTS			$21.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
318-032	SWITCH, INDICATOR LIGHT AND APPROXIMATELY 10 FEET OF WIRE ON CHASSIS RH BACK OF CAB FOR CUSTOMER FURNISHED UTILITY LIGHT(S)			$54.00
744-1BM	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS			$159.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399			N/C
275-061	ELECTRIC HORN WARNING SYSTEM FOR PARK BRAKE NOT SET WITH DOOR OPEN AND ALL IGNITION KEY POSITIONS			N/C
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD

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654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4		$218.00
663-013	TINTED WINDSHIELD			STD
659-021	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED, WITH REMOTE FILL			$104.00
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-007	GRAY/CHARCOAL WING DASH			STD
860-004	SMART SWITCH EXPANSION MODULE			$234.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			$190.00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			$63.00
655-005	LH AND RH ELECTRIC DOOR LOCKS			$99.00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$212.00
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10	$246.00
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		$138.00

Data Code	Description	Weight Front	Weight Rear	Retail Price
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
Instruments & Controls				
732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			$36.00
721-006	PRECO MODEL 360, CONSTANT 107 DB BACKUP ALARM		3	$124.00
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE			$285.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			N/C
33U-007	CHASSIS MODULE JUMPER AND BRACKET FOR BODY BUILDER TO RELOCATE THE CHASSIS MODULE INTO THE CAB			$244.00
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD

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864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			$76.00
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10		$274.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD			$8.00
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			$76.00
752-018	MULTI-BAND AM/FM/WB/CB DUAL MIRROR MOUNTED ANTENNA SYSTEM	4		$253.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-998	NO VEHICLE PERFORMANCE MONITOR	-5		N/C
8D1-998	NO DIRECT CONNECT			N/C
8Z1-998	NO ZONAR SYSTEMS (SCO)			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
329-090	(10) 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			$574.00
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			$12.00
482-001	BW TRACTOR PROTECTION VALVE			N/C
883-001	TRAILER HAND CONTROL BRAKE VALVE			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-025	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET			$22.00

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	304-039	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS			$182.00
	882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			N/C
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC			N/C
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	98K-998	NO FUEL TANK CABINET PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	964-020	STANDARD BLACK BUMPER PAINT			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					

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Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

- SET BACK AXLE - TRUCK
- CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM
- ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
- RS-26-185 26,000# T-SERIES SINGLE REAR AXLE
- 26,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD
- DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
- 18,000# FLAT LEAF FRONT SUSPENSION
- 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- 4600MM (181 INCH) WHEELBASE
- 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
- 2500MM (98 INCH) REAR FRAME OVERHANG
- PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
- BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	90,357	$	90,357
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE		**$**	***90,357***	**$**	***90,357***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**90,357**	**$**	**90,357**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan- 0172D

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 28, 2017

Freightliner 114SD

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15D	SD PRL-15D (EFF:10/25/16)		
Data Version			
DRL-017	SPECPRO21 DATA RELEASE VER 017		
Vehicle Configuration			
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,576
004-218	2018 MODEL YEAR SPECIFIED		
002-003	SET FORWARD AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1AE	FREIGHTLINER LEVEL II WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 64000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
Truck Service			
AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE		
Tractor Service			
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-2X8	DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM		
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
PMT-998	NO 2013 ENGINE ESCALATOR		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
104-002	FUMOTO DRAIN VALVE(S) ON OIL PAN		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1DJ	DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10	
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES		
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	15	
281-001	STANDARD BATTERY JUMPERS		
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		

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Data Code	Description	Weight Front	Weight Rear
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-011	NON-POLISHED BATTERY BOX COVER WITH 3/16 INCH TETHER ON FORWARD SIDE OF COVER/BOX		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1E2	RAISED RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	40	35
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-014	09 FOOT 06 INCH (114 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1F8	RH CURVED VERTICAL TAILPIPE B-PILLAR RAISED UNDER STEP MOUNTED AFTERTREATMENT SYSTEM		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-002	NON-POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER	15	5
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		

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Data Code	Description	Weight Front	Weight Rear
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD	6	
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	25	
138-041	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER WITH THERMOSTAT	4	
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
353-026	VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S		
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	210	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	

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409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-022	STEMCO SENTINEL BLUE ESP CENTER PLUG ALUMINUM VENTED FRONT HUB CAPS WITH WINDOW, WITHOUT SIDE PLUG - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR		
533-001	OIL/AIR POWER STEERING COOLER		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-005	18,000# FLAT LEAF FRONT SUSPENSION	290	
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE		420
421-489	4.89 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	60	60
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		40
878-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AND REAR-REAR AXLE VALVE		
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		

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433-002	NON-ASBESTOS REAR BRAKE LINING		
434-019	ASPHALT SPREADER CLEARANCE REAR BRAKE GEOMETRY		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		750
621-016	HENDRICKSON RT/RTE - 7.19" SADDLE		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-028	56 INCH AXLE SPACING		160
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS		
623-005	FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL		
460-1AE	STEEL AIR TANKS MOUNTED FOR MAX GROUND CLEARANCE, (BELLY PLOW - AA3-073)		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		

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Data Code	Description	Weight Front	Weight Rear
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
331-001	SUPPLEMENTAL J560 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE		
Wheelbase & Frame			
545-560	5600MM (220 INCH) WHEELBASE		
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	480	190
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	180	
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-041	1925MM (76 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	110
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	115	-20
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 136.54 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1AG	16.5 INCH PAINTED STEEL STRAIGHT BUMPER		
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-042	BETTS B-25 PAINTED MUDFLAP BRACKETS		15
590-036	ECO-FLAP BLACK MUDFLAPS, NO LOGO		15
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		

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Fuel Tanks			
204-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	-15	10
218-005	RECTANGULAR FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-011	FUEL TANK(S) FORWARD - RAISED MOUNTING		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1K4	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC AND 12 VOLT PREHEATER	10	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-1Y1	GOODYEAR G296 MSA 385/65R22.5 18 PLY RADIAL FRONT TIRES	112	
094-1KR	GOODYEAR G282 MSD 11R22.5 16 PLY RADIAL REAR TIRES		184
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS		
450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels			
502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98	
505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104
Cab Exterior			
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTS		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-002	3-1/2 INCH FENDER EXTENSIONS	15	
678-001	LH AND RH GRAB HANDLES		
646-041	STATIONARY BLACK GRILLE		
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	

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Data Code	Description	Weight Front	Weight Rear
727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS	4	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS		
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
318-032	SWITCH, INDICATOR LIGHT AND APPROXIMATELY 10 FEET OF WIRE ON CHASSIS RH BACK OF CAB FOR CUSTOMER FURNISHED UTILITY LIGHT(S)		
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399		
768-043	63X14 INCH TINTED REAR WINDOW		
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4	
663-013	TINTED WINDSHIELD		
659-023	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MID FRAME MOUNTED, WITH REMOTE FILL		
Cab Interior			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		

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Data Code	Description	Weight Front	Weight Rear
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
693-023	LH DOOR MAP POCKET		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-007	GRAY/CHARCOAL WING DASH		
860-004	SMART SWITCH EXPANSION MODULE		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-034	PREMIUM INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

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Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT		
33U-007	CHASSIS MODULE JUMPER AND BRACKET FOR BODY BUILDER TO RELOCATE THE CHASSIS MODULE INTO THE CAB		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	

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747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-090	(10) 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		
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-039	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

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Data Code	Description	Weight Front	Weight Rear
Design			
065-000	PAINT: ONE SOLID COLOR		
Color			
980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
98K-998	NO FUEL TANK CABINET PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-020	STANDARD BLACK BUMPER PAINT		
963-003	STANDARD E COAT/UNDERCOATING		

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	10122 lbs	8774 lbs	18896 lbs
Total Weight+	10122 lbs	8774 lbs	18896 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

SET FORWARD AXLE - TRUCK
DETROIT DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
HENDRICKSON RT463 @46,000# REAR SUSPENSION
DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
18,000# FLAT LEAF FRONT SUSPENSION
114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
5600MM (220 INCH) WHEELBASE
1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
1925MM (76 INCH) REAR FRAME OVERHANG
PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	104,254	$	104,254
		$	0	$	0
		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***104,254***	**$**	***104,254***

TAXES AND FEES

TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**104,254**	**$**	**104,254**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-173D Freightliner

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 22, 2017

Freightliner 114SD

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15D	SD PRL-15D (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,576
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK	480	-480
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1AE	FREIGHTLINER LEVEL II WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 58000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
Truck Service			
AA3-005	FLATBED/PLATFORM/STAKE BODY		
Tractor Service			
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-22M	CUM L9 260 HP @ 2200 RPM; 2200 GOV RPM, 720 LB/FT @ 1300 RPM	-850	-70
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
PMT-998	NO 2013 ENGINE ESCALATOR		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1DJ	DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10	
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES		
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	15	

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Data Code	Description	Weight Front	Weight Rear
281-001	STANDARD BATTERY JUMPERS		
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-002	NON-POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER	15	5
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		

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Data Code	Description	Weight Front	Weight Rear
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-10	
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

Data Code	Description	Weight Front	Weight Rear
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
353-064	VEHICLE INTERFACE WIRING CONNECTOR WITH BLUNT CUTS, AT FIREWALL		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S		
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK	-30	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-022	STEMCO SENTINEL BLUE ESP CENTER PLUG ALUMINUM VENTED FRONT HUB CAPS WITH WINDOW, WITHOUT SIDE PLUG - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING		
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR	5	
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		

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Data Code	Description	Weight Front	Weight Rear
Front Suspension			
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-1GR	DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE		
421-614	6.14 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-003	STANDARD BRAKE CHAMBER LOCATION		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-006	40,000# 4-SPRING FLAT LEAF REAR SUSPENSION		
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-011	52 INCH AXLE SPACING		
623-001	HEAVY DUTY FORE/AFT CONTROL RODS		
Brake System			

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Data Code	Description	Weight Front	Weight Rear
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL		
460-090	STEEL AIR BRAKE RESERVOIRS, NO TRIPLE OR TORPEDO TANKS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
331-001	SUPPLEMENTAL J560 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE		
Wheelbase & Frame			
545-472	4725MM (186 INCH) WHEELBASE		
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	260	150
552-014	1900MM (75 INCH) REAR FRAME OVERHANG		
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	100
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 120.45 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 117.45 in		

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Data Code	Description	Weight Front	Weight Rear
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 291.12		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 120.45 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 35.6 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 43.2 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-1E5	14 INCH PAINTED STEEL BUMPER	20	
558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-042	BETTS B-25 PAINTED MUDFLAP BRACKETS		15
590-036	ECO-FLAP BLACK MUDFLAPS, NO LOGO		15
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
206-150	50 GALLON/189 LITER ALUMINUM FUEL TANK - RH	80	20
204-150	50 GALLON/189 LITER ALUMINUM FUEL TANK - LH	-5	
218-001	23 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1H4	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND 12 VOLT PREHEATER	5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			

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	Data Code	Description	Weight Front	Weight Rear
	093-1TV	HANKOOK AH37 11R22.5 16 PLY RADIAL FRONT TIRES	18	
	094-2EU	HANKOOK DH06 11R22.5 14 PLY RADIAL REAR TIRES		128
Hubs				
	418-056	CONMET PRESET PLUS IRON FRONT HUBS		
	450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels				
	502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
	505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		
Cab Exterior				
	829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	650-008	AIR CAB MOUNTS		
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	667-004	FRONT FENDERS SET-BACK AXLE		
	678-001	LH AND RH GRAB HANDLES		
	646-041	STATIONARY BLACK GRILLE		
	65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
	644-004	FIBERGLASS HOOD		
	727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS	4	
	726-001	SINGLE ELECTRIC HORN		
	728-002	DUAL HORN SHIELDS		
	657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
	575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
	312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
	302-001	(5) AMBER MARKER LIGHTS		
	294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
	300-015	STANDARD FRONT TURN SIGNAL LAMPS		
	744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS		
	797-001	DOOR MOUNTED MIRRORS		
	796-001	102 INCH EQUIPMENT WIDTH		
	743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		

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Data Code	Description	Weight Front	Weight Rear
729-001	STANDARD SIDE/REAR REFLECTORS		
677-998	NO CAB MOUNTED STEPS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-003	MANUAL DOOR WINDOW REGULATORS		
663-013	TINTED WINDSHIELD		
659-020	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		
Cab Interior			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-007	GRAY/CHARCOAL WING DASH		
860-004	SMART SWITCH EXPANSION MODULE		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		

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Data Code	Description	Weight Front	Weight Rear
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT		

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Data Code	Description	Weight Front	Weight Rear
33U-007	CHASSIS MODULE JUMPER AND BRACKET FOR BODY BUILDER TO RELOCATE THE CHASSIS MODULE INTO THE CAB		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
8D1-998	NO DIRECT CONNECT		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-091	(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		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		

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Data Code	Description	Weight Front	Weight Rear
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design			
065-000	PAINT: ONE SOLID COLOR		
Color			
980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
98K-998	NO FUEL TANK CABINET PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-020	STANDARD BLACK BUMPER PAINT		
963-003	STANDARD E COAT/UNDERCOATING		
Certification / Compliance			

If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM L9 260 HP @ 2200 RPM; 2200 GOV RPM, 720 LB/FT @ 1300 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE
40,000# 4-SPRING FLAT LEAF REAR SUSPENSION
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
12,000# DUAL TAPERLEAF FRONT SUSPENSION
114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
4725MM (186 INCH) WHEELBASE
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
1900MM (75 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	82,550	$	82,550
CUSTOMER PRICE BEFORE TAX		**$**	***82,550***	**$**	***82,550***

TAXES AND FEES

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

TRADE-IN

BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**82,550**	**$**	**82,550**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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A proposal for
State of Michigan-178D Freightliner

Prepared by
D & K TRUCK COMPANY
Edward Merrill
Mar 22, 2017

Freightliner 114SD

Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-15D	SD PRL-15D (EFF:10/25/16)		
Data Version			
DRL-016	SPECPRO21 DATA RELEASE VER 016		
Vehicle Configuration			
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,576
004-218	2018 MODEL YEAR SPECIFIED		
002-002	SET BACK AXLE - TRACTOR	500	-480
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-001	TRACTOR/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1AE	FREIGHTLINER LEVEL II WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 70000.0 lbs		
Tractor Service			

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Data Code	Description	Weight Front	Weight Rear
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-2YA	DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM		
Electronic Parameters			
79A-065	65 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE		
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79T-001	PTO MODE RPM INCREMENT - 25 RPM		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
79W-001	ONE REMOTE PTO SPEED		
79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
80D-001	SOFT CRUISE CONTROL ENABLED		
80G-001	PTO MINIMUM RPM - 600		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
PMT-998	NO 2013 ENGINE ESCALATOR		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1E4	LN 12V 160 AMP LONG BRUSH 2243GH PAD MOUNT ALTERNATOR WITH REMOTE BATTERY VOLT SENSE, LAMP TERMINAL AND HEX SHAFT	10	

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Data Code	Description	Weight Front	Weight Rear
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES		
290-1CD	BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL	15	
281-001	STANDARD BATTERY JUMPERS		
282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-002	JACOBS COMPRESSION BRAKE		
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-014	09 FOOT 06 INCH (114 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-002	NON-POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER	15	5
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)		

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Data Code	Description	Weight Front	Weight Rear
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
118-001	FULL FLOW OIL FILTER		
266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE		
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4	
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
155-074	DELCO 12V MOD 3.175-39MT+ OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		

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Data Code	Description	Weight Front	Weight Rear
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
353-064	VEHICLE INTERFACE WIRING CONNECTOR WITH BLUNT CUTS, AT FIREWALL		
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S		
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-043	2011/2013-FMVSS 121 FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		

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Data Code	Description	Weight Front	Weight Rear
408-022	STEMCO SENTINEL BLUE ESP CENTER PLUG ALUMINUM VENTED FRONT HUB CAPS WITH WINDOW, WITHOUT SIDE PLUG - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-050	TRW THP-60 POWER STEERING		
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR	5	
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-1GR	DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE		
421-478	4.78 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-043	2011/2013-FMVSS 121 REAR BRAKE LININGS		
434-003	STANDARD BRAKE CHAMBER LOCATION		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		

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Data Code	Description	Weight Front	Weight Rear
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-006	40,000# 4-SPRING FLAT LEAF REAR SUSPENSION		
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-011	52 INCH AXLE SPACING		
623-001	HEAVY DUTY FORE/AFT CONTROL RODS		
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL		
460-090	STEEL AIR BRAKE RESERVOIRS, NO TRIPLE OR TORPEDO TANKS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
481-071	12 FOOT COILED TRAILER AIR HOSE WITH 12 INCH TRACTOR, 12 INCH TRAILER LEADS	12	
476-001	18 INCH STAINLESS STEEL SLIDE BAR WITH SPRING TYPE TRAILER AIR HOSE HANGER	2	
484-006	COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		

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Data Code	Description	Weight Front	Weight Rear
297-008	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE BRACKET LH LOWER CAB MOUNTED		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
331-001	SUPPLEMENTAL J560 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE		
310-081	12 FOOT DETACHABLE COILED PRIMARY TRAILER ELECTRICAL CABLE WITH SAE J560 CONNECTOR WITH 12 INCH TRACTOR, 12 INCH TRAILER LEADS	12	
Wheelbase & Frame			
545-472	4725MM (186 INCH) WHEELBASE		
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	260	150
552-032	1650MM (65 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 120.45 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 106.67 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 281.12		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 71.08 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 10.59 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 18.18 in		
553-002	FLANGED TAPERED END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-020	INVERTED U TRACTOR CROSSMEMBER		10
565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
674-001	LH BACK OF CAB ACCESS	5	5
592-054	21 INCH (525MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	8	7
556-1E5	14 INCH PAINTED STEEL BUMPER	20	
558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-042	BETTS B-25 PAINTED MUDFLAP BRACKETS		15

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Data Code	Description	Weight Front	Weight Rear
590-036	ECO-FLAP BLACK MUDFLAPS, NO LOGO		15
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
583-058	PLASTIC QUARTER FENDERS WITHOUT LOGO		30
Fifth Wheel			
578-1T6	FONTAINE NO-SLACK II 6000 SERIES 6LWB 36.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS	40	490
577-610	FIFTH WHEEL 610MM (24.0 INCHES) AHEAD OF SUSPENSION CENTERLINE		
582-007	184MM (7.25 INCH) FIFTH WHEEL HEIGHT		
570-001	OUTBOARD ANGLE - FIFTH WHEEL MOUNTING		
890-001	DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL		
579-003	SIDE LEFT FIFTH WHEEL RELEASE		
Fuel Tanks			
206-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - RH	95	20
204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10	
218-001	23 INCH DIAMETER FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1H2	DETROIT FUEL/WATER SEPARATOR WITH BYPASS AND 12 VOLT PREHEATER	10	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-1TV	HANKOOK AH37 11R22.5 16 PLY RADIAL FRONT TIRES	18	
094-2EU	HANKOOK DH06 11R22.5 14 PLY RADIAL REAR TIRES		128
Hubs			
418-056	CONMET PRESET PLUS IRON FRONT HUBS		
450-056	CONMET PRESET PLUS IRON REAR HUBS		

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Data Code	Description	Weight Front	Weight Rear
Wheels			
502-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		
Cab Exterior			
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTS		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-004	FRONT FENDERS SET-BACK AXLE		
678-001	LH AND RH GRAB HANDLES		
646-041	STATIONARY BLACK GRILLE		
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
727-1AJ	DUAL 14 INCH ROUND POLISHED AIR HORNS	4	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
302-001	(5) AMBER MARKER LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BN	DUAL WEST COAST BRIGHT FINISH MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
73A-002	REAR REFLECTIVE DEVICE		
677-998	NO CAB MOUNTED STEPS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-003	MANUAL DOOR WINDOW REGULATORS		

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Data Code	Description	Weight Front	Weight Rear
663-013	TINTED WINDSHIELD		
659-020	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		
Cab Interior			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-007	GRAY/CHARCOAL WING DASH		
860-004	SMART SWITCH EXPANSION MODULE		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		

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Data Code	Description	Weight Front	Weight Rear
758-017	GRAY CORDURA PLUS CLOTH DRIVER SEAT COVER		
761-017	GRAY CORDURA PLUS CLOTH PASSENGER SEAT COVER		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-070	ENGINE REMOTE INTERFACE WITH PRESET FAST IDLE		
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT		
33U-007	CHASSIS MODULE JUMPER AND BRACKET FOR BODY BUILDER TO RELOCATE THE CHASSIS MODULE INTO THE CAB		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		

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Data Code	Description	Weight Front	Weight Rear
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
8Z1-998	NO ZONAR SYSTEMS (SCO)		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-091	(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		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE	2	
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		

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	Data Code	Description	Weight Front	Weight Rear
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5E7	CAB COLOR A: L0789EB OMAHA ORANGE ELITE BC		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	98K-998	NO FUEL TANK CABINET PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-020	STANDARD BLACK BUMPER PAINT		
	963-003	STANDARD E COAT/UNDERCOATING		
Certification / Compliance				
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	9468 lbs	7136 lbs	16604 lbs
Total Weight+	9468 lbs	7136 lbs	16604 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

- SET BACK AXLE - TRACTOR
- DETROIT DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
- ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
- DETROIT DA-RT-40.0-4 HT 40,000# R-SERIES TANDEM REAR AXLE
- 40,000# 4-SPRING FLAT LEAF REAR SUSPENSION
- DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
- 12,000# DUAL TAPERLEAF FRONT SUSPENSION
- 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- 4725MM (186 INCH) WHEELBASE
- FONTAINE NO-SLACK II 6000 SERIES 6LWB 36.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS
- 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
- 1650MM (65 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	94,180	$	94,180
CUSTOMER PRICE BEFORE TAX		**$**	***94,180***	**$**	***94,180***
TAXES AND FEES					
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**94,180**	**$**	**94,180**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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SPECIFICATION 3958-0096D

	M2106 4x4	MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab	$71,495.00	$71,495.00	$1.85	
1.2	Super Cab option	$3,905.00	$3,905.00		
1.3	Crew Cab option	$6,505.00	$6,505.00		
1.4	**Base cost with Regular Cab 4x2**	$56,423.00	$56,423.00	$1.85	
1.5	Super Cab option (4x2)	$3,877.00	$3,877.00		
1.6	Crew Cab option (4x2)	$6,552.00	$6,552.00		
2	Transmission Power Take-Off Provision	n/c	n/c		5 speed manual
3a	Power Windows, Locks, Heated Mirrors	$233.00	$233.00		
3b	Remote Keyless Entry	$500.00	$500.00		
4	Chrome front bumper, AM/FM Stereo/Single Cd w/4 speakers, & Cruise Control	$389.00	$389.00		2 speakers
5	All of the above listed & SYNC Entertainment & Bluetooth Technology System	$622.00	$622.00		No Sync
6	110V/400W Outlet	N/A	N/A		
	3500 RDS Allison Transmission	$4,090.00	$4,090.00		
7	**SPECIAL PAINT**				
7.1	School Bus Yellow [84S53]	n/c	n/c		
7.2	Omaha Orange [W5684E]	n/c	n/c		

SPECIFICATION 3958-0134

	M2106 4x2	MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0134	$55,522.00	$55,522.00	$1.85	
1.2	Super Cab option	$3,647.00	$3,647.00	$1.85	
1.3	Crew Cab option	$5,988.00	$5,988.00	$1.85	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	nc	nc		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	nc	nc		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	nc	nc		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	nc	nc		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	nc	nc		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	nc	nc		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	nc	nc		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	nc	nc		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	nc	nc		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	nc	nc		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	nc	nc		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket				NO NETS, SLIP GRIP

3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	nc	nc		
3.5	FLOOR COVERING Rubber, Black	nc	nc		
3.6	HEADLINER Soft Padded Cloth	nc	nc		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	nc	nc		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	nc	nc		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	nc	nc		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	nc	nc		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	nc	nc		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		Base is DELCO 28SI 160AMP
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers				
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	$40.00	$40.00		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	nc	nc		
10	GAUGE, DEF FLUID LEVEL	nc	nc		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	nc	nc		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	nc	nc		
13	STEERING COLUMN Tilting	Included	Included		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	nc	nc		
	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
15	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
16	INSULATION, SPLASH PANELS for Sound Abatement	$175.00	$175.00		
17	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	na	na		Horton HT650 on/off
18	**TRANSMISSION, AUTOMATIC INCLUDES:**				
18.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		no external filter
18.2	TRANSMISSION OIL PAN Magnet in Oil Pan	yes	yes		

18.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	nc	nc		
18.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
18.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
18.6	PTO LOCATION Dual, Left and Right Side of Transmission	nc	nc		
18.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	nc	nc		
19	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	$60.00	$60.00		
20	DUST SHIELDS, FRONT BRAKE for Air Brakes	na	na		NA WITH 19.5 TIRES
21	DUST SHIELDS, REAR BRAKE for Air Brakes	na	na		NA WITH 19.5 TIRES
22.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	nc	nc		
22.2	BRAKE SYSTEM, HYDRAULIC Split System, Full Power, With Automatic Adjustment and with Four Channel ABS	$1,400.00	$1,400.00		
22.3	BRAKE, PARKING DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by lever in Cab, Differential Mounted, includes PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver	nc	nc		
22.4	BRAKES, FRONT, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	nc	nc		
22.5	BRAKES, REAR, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	nc	nc		
23	**SPECIAL PAINT**				
23.1	School Bus Yellow [84S53]	nc	nc		
23.2	Omaha Orange [W5684E]	nc	nc		

SPECIFICATION 3958-0135D

M2106 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0135D	$55,522.00	$55,522.00	$1.85	
1.2	Super Cab option	$3,647.00	$3,647.00	$1.85	
1.3	Crew Cab option	$5,988.00	$5,988.00	$1.85	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	NC	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	NC	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	NC	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	NC	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	NC	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	NC	NC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	NC	NC		

2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	NC	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	NC	NC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	NC	NC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	Inc	Inc		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	Inc	Inc		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	Inc	Inc		
3.5	FLOOR COVERING Rubber, Black	Inc	Inc		
3.6	HEADLINER Soft Padded Cloth	Inc	Inc		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	Inc	Inc		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	Inc	Inc		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	Inc	Inc		
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	NC	NC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	NC	NC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		Base is Delco Brand 28si
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	Inc	Inc		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	NC	NC		
10	GAUGE, DEF FLUID LEVEL	NC	NC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	NC	NC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	NC	NC		
13	STEERING COLUMN Tilting	Inc	Inc		

14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	NC	NC		
	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
15	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
16	INSULATION, SPLASH PANELS for Sound Abatement	$175.00	$175.00		
17	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650 ON OFF
18	**TRANSMISSION, AUTOMATIC INCLUDES:**				
18.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		NO EXTERNAL FILTER
18.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
18.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
18.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
18.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
18.6	PTO LOCATION Dual, Left and Right Side of Transmission	NC	NC		
18.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	NC	NC		
19	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	$60.00	$60.00		
20	DUST SHIELDS, FRONT BRAKE for Air Brakes	$20.00	$20.00		
21	DUST SHIELDS, REAR BRAKE for Air Brakes	$25.00	$25.00		
22	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
23.1	BRAKE SYSTEM, HYDRAULIC Split System, Full Power, With Automatic Adjustment and with Four Channel ABS	$1,400.00	$1,400.00		
23.2	BRAKE, PARKING DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by lever in Cab, Differential Mounted, includes PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver	NC	NC		
23.3	BRAKES, FRONT, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	NC	NC		
23.4	BRAKES, REAR, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	NC	NC		
24	**SPECIAL PAINT**				
24.1	School Bus Yellow [84S53]	NC	NC		
24.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0136D

M2106 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0136D	$55,522.00	$55,522.00	$1.85	
1.2	Super Cab option	$3,647.00	$3,647.00	$1.85	

1.3	Crew Cab option	$5,988.00	$5,988.00	$1.85	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	NC	NC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	NC	NC		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	NC	NC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		Base is DELCO BRAND
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		

7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	NC	NC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	NC	NC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
15	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
16	INSULATION, SPLASH PANELS for Sound Abatement	$175.00	$175.00		
17	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650 ON OFF
18	**TRANSMISSION, AUTOMATIC INCLUDES:**				
18.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		NO EXTERNAL FILTER
18.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
18.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
18.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
18.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
18.6	PTO LOCATION Dual, Left and Right Side of Transmission	NC	NC		
18.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	INC	INC		
19	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	$60.00	$60.00		
20	DUST SHIELDS, FRONT BRAKE for Air Brakes	$20.00	$20.00		
21	DUST SHIELDS, REAR BRAKE for Air Brakes	$25.00	$25.00		
22.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	INC	INC		
22.2	BRAKE SYSTEM, HYDRAULIC Split System, Full Power, With Automatic Adjustment and with Four Channel ABS	$1,400.00	$1,400.00		

22.3	BRAKE, PARKING DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by lever in Cab, Differential Mounted, includes PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver	INC	INC		
22.4	BRAKES, FRONT, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	INC	INC		
22.5	BRAKES, REAR, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons	INC	INC		
23	**SPECIAL PAINT**				
23.1	School Bus Yellow [84S53]	NC	NC		
23.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0160D (Option "A")

M2106 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0160D	$67,185.00	$67,185.00	$1.85	M2-106-B6.7 Cummins
1.2	Super Cab option	$3,760.00	$3,760.00		
1.3	Crew Cab option	$6,333.00	$6,333.00		
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		MFG STANDARD
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	INC	INC		NO TOLL TICKET

4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
17	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	INC	INC		
18	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
19	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
20	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650
21	**TRANSMISSION, AUTOMATIC INCLUDES:**				
21.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		NO EXTERNAL FILTER
21.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
21.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		

21.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	INC	INC		
21.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
21.6	PTO LOCATION Dual, Left and Right Side of Transmission	INC	INC		
21.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	$120.00	$120.00		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	$120.00	$120.00		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				
30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	$560.00	$560.00		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	NC	NC		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	NC	NC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	$650.00	$650.00		
34.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
34.2	BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance	NC	NC		
35	**SPECIAL PAINT**				
35.1	School Bus Yellow [84S53]	NC	NC		
35.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0160D (Option "B")

108SD 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0160D	$67,185.00	$67,185.00	$1.85	108SD-B6.7 Cummins
1.2	Super Cab option	$3,760.00	$3,760.00		
1.3	Crew Cab option	$6,333.00	$6,333.00		
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		

2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		MFG STANDARD
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	INC	INC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		

11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
17	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	INC	INC		
18	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
19	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
20	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650
21	**TRANSMISSION, AUTOMATIC INCLUDES:**				
21.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		NO EXTERNAL FILTER
21.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
21.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
21.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	INC	INC		
21.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
21.6	PTO LOCATION Dual, Left and Right Side of Transmission	INC	INC		FEPTO under radiator.
21.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	$120.00	$120.00		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	$120.00	$120.00		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				

30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	$560.00	$560.00		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	NC	NC		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	NC	NC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	$650.00	$650.00		
34.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
34.2	BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance	NC	NC		
35	**SPECIAL PAINT**				
35.1	School Bus Yellow [84S53]	NC	NC		
35.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0160D (Option "C")

108SD 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0160D	$66,850.00	$66,850.00	$1.85	108SD-L9 Cummins
1.2	Super Cab option	$3,760.00	$3,760.00		
1.3	Crew Cab option	$6,333.00	$6,333.00		
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		

3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	INC	INC		MFG STANDARD
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	INC	INC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		NO EXPRESS
17	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	INC	INC		
18	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
19	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
20	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650
21	**TRANSMISSION, AUTOMATIC INCLUDES:**				
21.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		NO EXTERNAL FILTER

21.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
21.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
21.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	INC	INC		
21.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
21.6	PTO LOCATION Dual, Left and Right Side of Transmission	INC	INC		
21.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	$120.00	$120.00		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	$120.00	$120.00		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				
30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	$560.00	$560.00		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	NC	NC		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	NC	NC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	$650.00	$650.00		
34.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
34.2	BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance	NC	NC		
35	**SPECIAL PAINT**				
35.1	School Bus Yellow [84S53]	NC	NC		
35.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0164D

M2106 4x2		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0164D	$57,080.00	$57,080.00	$1.85	
1.2	Super Cab option	$3,911.00	$3,911.00		
1.3	Crew Cab option	$6,237.00	$6,237.00		
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	INC	INC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	INC	INC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	INC	INC		

2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	INC	INC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	INC	INC		
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	INC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	$98.00	$98.00		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	NC	NC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$20.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		

10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	NC	NC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	INC	INC		
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$175.00	$175.00		
19	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		HORTON HT650
20	**TRANSMISSION, AUTOMATIC INCLUDES:**				
20.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		
20.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
20.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
20.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
20.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
20.6	PTO LOCATION Dual, Left and Right Side of Transmission	$190.00	$190.00		2500 RDS
20.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	NC	NC		
21	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
22	DUST SHIELDS, FRONT BRAKE for Air Brakes	INC	INC		
23	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
24.1	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
24.2	BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance	NC	NC		
25	**SPECIAL PAINT**				
25.1	School Bus Yellow [84S53]	NC	NC		
25.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0170D

	114 4x2	MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0170D	$90,357.00	$90,357.00	$1.85	
1.2	Super Cab option	$3,739.00	$3,739.00		Set forward axle (SFA) also
1.3	Crew Cab option	$6,538.00	$5,738.00		available. Must add for

					exhaust change if selected.
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	N C	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	N C	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	N C	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	N C	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	N C	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	N C	NC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	N C	NC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	N C	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	N C	NC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	N C	NC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	N C	NC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	N C	NC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	N C	NC		
3.5	FLOOR COVERING Rubber, Black	N C	NC		
3.6	HEADLINER Soft Padded Cloth	N C	NC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	N C	NC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	$90.00	$90.00		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	N C	NC		
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	Inc	Inc		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	Inc	Inc		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$20.00	$20.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	Inc	Inc		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$10.00	$10.00		

8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	N C	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	Inc	Inc		
10	GAUGE, DEF FLUID LEVEL	Inc	Inc		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	Inc	Inc		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	Inc	Inc		
13	STEERING COLUMN Tilting	Inc	Inc		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	Inc	Inc		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		electric locks, no fobs
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	$131.00	$131.00		
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$170.00	$170.00		
19	BACK-UP ALARM Electric, 102 dBA	$60.00	$60.00		
20	FENDER EXTENSIONS Rubber	Inc	Inc		
21	Add'l Cab Rustproofing	na	na		Aluminum cab
22	SNOW SHIELD (2) Chrome; for Dual Air Horns	Inc	Inc		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	$51.00	$51.00		
24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	Inc	Inc		HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	Inc	Inc		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	Inc	Inc		
25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	N C	NC		
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	N C	NC		no y cord, see fuel tank supplier
26	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	Inc	Inc		VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	Inc	Inc		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	Inc	Inc		

29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	Inc	Inc		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	Inc	Inc		
31	**SPECIAL PAINT**				
31.1	School Bus Yellow [84S53]	N C	NC		
31.2	Omaha Orange [W5684E]	N C	NC		

SPECIFICATION 3958-0172D

114SD SFA 6x4		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0172D	$104,254.00	$104,254.00	$1.85	
1.2	Super Cab option	$3,746.00	$3,746.00	$1.85	
1.3	Crew Cab option	na	na	na	
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	NC	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	NC	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	NC	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	NC	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	NC	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	NC	NC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	NC	NC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	NC	NC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	NC	NC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	INC	INC		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	INC	INC		
3.5	FLOOR COVERING Rubber, Black	INC	INC		
3.6	HEADLINER Soft Padded Cloth	INC	INC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	INC	INC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door				1/2 PIECE
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		NO TOLL TICKET
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	INC	INC		

4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	INC	INC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$22.00	$22.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	INC	INC		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$11.00	$11.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	INC	INC		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	INC	INC		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		ELECTRIC LOCKS NO FOBS
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	NA	NA		PUSH DOWN ELECTRIC
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
19	BACK-UP ALARM Electric, 102 dBA	$100.00	$100.00		PRECO MODEL 360,107 DB ALARM
20	FENDER EXTENSIONS Rubber	INC	INC		
21	Add'l Cab Rustproofing	NA	NA		ALUMINUM CAB
22	SNOW SHIELD (2) Chrome; for Dual Air Horns	INC	INC		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	INC	INC		
24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	NA	NA		INCLUDES BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	NA	NA		
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	YES	YES		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		

25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	INC	INC		PTO Through Radiator.
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls: With Ignition Switch Control	INC	INC		no y cord, see fuel tank supplier
26	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	INC	INC		VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	INC	INC		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	INC	INC		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	INC	INC		
31	SUSPENSION, REAR, AIR, SINGLE Require 14VAJ Suspension	-$247.00	-$247.00		DEDUCTION OF PRICE, ADD FOR DUMP VALVES
32	**SPECIAL PAINT**				
32.1	School Bus Yellow [84S53]	NC	NC		
32.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0173D

114SD SFA 6x4		MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1.1	Base cost with Regular Cab - 3958-0173D	$82,550.00	$82,550.00	$1.85	
1.2	Super Cab option	$3,850.00	$3,850.00	$1.85	Add
1.3	Crew Cab option	$6,400.00	$6,400.00	$1.85	Add
2	**CAB CONVENTIONAL INCLUDES:**				
2.1	ARM REST (2) Molded Plastic; One Each Door	NC	NC		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	NC	NC		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	NC	NC		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	NC	NC		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	NC	NC		NO DIMMING
2.6	GLASS, ALL WINDOWS Tinted	INC	INC		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	INC	INC		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	NC	INC		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	INC	INC		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	INC	INC		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	INC	INC		

3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket				
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	NC	NC		
3.5	FLOOR COVERING Rubber, Black	NC	NC		
3.6	HEADLINER Soft Padded Cloth	NC	NC		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	NC	NC		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	$75.00	$75.00		
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	NC	NC		no toll ticket
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	$57.00	$57.00		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	NC	NC		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	NC	NC		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	$20.00	$20.00		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	$40.00	$40.00		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	$21.00	$21.00		
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers	inc	inc		
7	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	$11.00	$11.00		
8	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	NC	NC		
9	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	INC	INC		
10	GAUGE, DEF FLUID LEVEL	nc	nc		
11	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	INC	INC		
12	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	nc	inc		
13	STEERING COLUMN Tilting	INC	INC		
14	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	INC	INC		
15	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	$500.00	$500.00		electric locks $159
16	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	$159.00	$159.00		add $ 159.00 package
17	INSULATION, UNDER HOOD for Sound Abatement	$85.00	$85.00		
18	INSULATION, SPLASH PANELS for Sound Abatement	$174.00	$174.00		
19	BACK-UP ALARM Electric, 102 dBA	$98.00	$98.00		
20	FENDER EXTENSIONS Rubber	$60.00	$60.00		BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS
21	Add'l Cab Rustproofing	na	na		aluminum cab included

22	SNOW SHIELD (2) Chrome; for Dual Air Horns	INC	INC		
23	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer use	INC	INC		
24	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	INC	INC		
25	**TRANSMISSION, AUTOMATIC INCLUDES:**				
25.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		no exterior filter
25.2	TRANSMISSION OIL PAN Magnet in Oil Pan	INC	INC		
25.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	INC	INC		
25.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	$20.00	$20.00		
25.5	TRANSMISSION TCM LOCATION Located Inside Cab	$550.00	$550.00		
25.6	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	INC	INC		PTO Through Radiator.
25.7	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	NC	NC		
26	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
27	DUST SHIELDS, FRONT BRAKE for Air Brakes	$20.00	$20.00		
28	DUST SHIELDS, REAR BRAKE for Air Brakes	$68.00	$68.00		
29	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	INC	INC		
30	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	INC	INC		
31	SUSPENSION, REAR, AIR, SINGLE Require 14VAJ Suspension	$980.00	$980.00		
32	**SPECIAL PAINT**				
32.1	School Bus Yellow [84S53]	NC	NC		
32.2	Omaha Orange [W5684E]	NC	NC		

SPECIFICATION 3958-0178D

	114SD 6x4	MDOT PRICE	MIDEAL PRICE	DELIVERY PER MILE	EXCEPTIONS TO SPECIFICATIONS
1	Base cost with Regular Cab	$94,180.00	$94,180.00	$1.85	4500 RDS AT
2	**CAB CONVENTIONAL INCLUDES:**	Detroit Diesel 13L - 4500 RDS AT (450 HP @ 1650 ft. lbs. torque)			
2.1	ARM REST (2) Molded Plastic; One Each Door	inc	inc		
2.2	CLEARANCE/MARKER LIGHTS (5) Flush Mounted	inc	inc		
2.3	COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window	inc	inc		
2.4	CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel	inc	inc		
2.5	DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	inc	inc		no dim

2.6	GLASS, ALL WINDOWS Tinted	inc	inc		
2.7	GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	inc	inc		
2.8	GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side	inc	inc		
2.9	INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior color	inc	inc		
3	**CAB INTERIOR TRIM DELUXE INCLUDES:**				
3.1	"A" PILLAR COVER Molded Plastic	inc	inc		
3.2	CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	inc	inc		
3.3	CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket	inc	inc		
3.4	DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors	inc	inc		
3.5	FLOOR COVERING Rubber, Black	inc	inc		
3.6	HEADLINER Soft Padded Cloth	inc	inc		
3.7	INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	inc	inc		
3.8	STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	**$65.00**	**$65.00**		**693-023 LH DOOR MAP POCKET**
3.9	SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	inc	inc		**no toll ticket**
4	JUMP START STUD Located on Positive Terminal of Outermost Battery	**$57.00**	**$57.00**		
4.1	WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	inc	inc		
4.2	WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted	inc	inc		
4.3	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	**$22.00**	**$22.00**		
4.4	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	**$40.00**	**$40.00**		
5	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp	**$21.00**	**$21.00**		**Delco brand**
6	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers				**AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939**
7	2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base harness	Std	Std		**748-006 POWER AND GROUND WIRING PROVISION OVERHEAD**
8	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	**$11.00**	**$11.00**		
9	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	nc	nc		
10	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	inc	inc		

11	GAUGE, DEF FLUID LEVEL	inc	inc		
12	DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab	inc	inc		
13	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel	inc	inc		
14	STEERING COLUMN Tilting	inc	inc		
15	COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control	inc	inc		
16	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	**$500.00**	**$500.00**		**electric door locks add $100**
17	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	**$179.00**	**$179.00**		
18	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	**$120.00**	**$120.00**		
19	INSULATION, UNDER HOOD for Sound Abatement	**$85.00**	**$85.00**		
20	INSULATION, SPLASH PANELS for Sound Abatement	**$176.00**	**$176.00**		
21	BACK-UP ALARM Electric, 102 dBA	**$100.00**	**$100.00**		
22	FENDER EXTENSIONS Rubber	**$47.00**	**$47.00**		
23	FAN DRIVE Direct Drive Type, Two Speed With Residual Torgue Device for Disengaging Fan Speed. Torque Device for Disengaged Fan Speed Includes Nylon Fan	**$70.00**	**$70.00**		NA with SBA
24	**TRANSMISSION, AUTOMATIC INCLUDES:**				
24.1	OIL FILTER, TRANSMISSION Mounted on Transmission	na	na		**no external filter**
24.2	TRANSMISSION OIL PAN Magnet in Oil Pan	inc	inc		
24.3	SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming	**inc**	**inc**		
24.4	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	**$20.00**	**$20.00**		
24.5	TRANSMISSION TCM LOCATION Located Inside Cab	**$500.00**	**$500.00**		
24.6	PTO LOCATION Dual, Left and Right Side of Transmission	**nc**	**NC**		**RH and bottom trans pto mounts. PTO through radiator.**
24.7	PTO LOCATION Dual, Left and Top Side of Transmission on Spec 3958-0172D	**NC**	**NC**		**RH and bottom trans pto mounts**
24.8	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control	INC	INC		
28	BODY INTEGRATED, REMOTE START/STOP To Start and Stop Vehicle Engine	INC	INC		
29	BODY INTEGRATED, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, for Utility Applications, Programmable Mode for Various Switch Actions and Engine Speed Control Option, Only with Vehicle Stopped and Park Brake is Applied (requires 1 Remote Power Module input)	NC	NC		
	NOTE: Default Parameters - Input is Momentary Ground = Engine Speed Toggles Between Preset Speed and Idle each Time the Input is Grounded				

30	BODY INTEGRATED, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, With Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions	**$560.00**	**$560.00**		
31	DUST SHIELDS, FRONT BRAKE for Air Brakes	inc	inc		
32	DUST SHIELDS, REAR BRAKE for Air Brakes	INC	INC		
33	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; With 30 Amp Fuse and Relay, Controlled by Ignition Switch	**$650.00**	**$650.00**		
34	TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	NC	NC		
35	AIR BRAKE ABS Full Vehicle Wheel Control system (4-Channel)	NC	NC		
36.1	SUSPENSION, REAR, AIR, Tandem, 55" axle spacing with shock absorbers mounted in board.	**$1,250.00**	**$1,250.00**		
36.2	Suspension air control in cab	**$100.00**	**$100.00**		
37	**SPECIAL PAINT**				
37.1	School Bus Yellow [84S53]	NC	NC		
37.2	Omaha Orange [W5684E]	NC	NC		