

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

New Order

Mi-DEAL Contract #071B6600119

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM B6.7 325 HP @ 2400 RPM, 2600 GOV, 750 LB/FT @
1800 RPM
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH
PTO PROVISION
DETROIT DA-RS-17.5-4 17,500# R-SERIES SINGLE REAR
AXLE
AIRLINER 18,000# REAR SUSPENSION

DETROIT DA-F-8.0-3 8,000# FF1 71.5 KPI/3.74 DROP
SINGLE FRONT AXLE
8,000# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL
CAB
4425MM (174 INCH) WHEELBASE
11/32X3-1/2X10-15/16 INCH STEEL FRAME
(8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
1975MM (78 INCH) REAR FRAME OVERHANG

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 175,646	\$ 175,646
EXTENDED WARRANTY		\$ 2,086	\$ 2,086
CUSTOMER PRICE BEFORE TAX		\$ 177,732	\$ 177,732

TAXES AND FEES

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

BALANCE DUE	(LOCAL CURRENCY)	\$ 177,732	\$ 177,732
-------------	------------------	------------	------------

COMMENTS:

- Above includes complete Freightliner and Challenger Aerial package
- 42 GALLON/159 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK, The 60 gallon may be in way of downriggers Tbd.

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

Customer: X _____ Date: ____ / ____ / ____

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

SPECIFICATION PROPOSAL

Vehicle Configuration

001-172	M2 106 CONVENTIONAL CHASSIS
004-219	2019 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)
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE
A84-1GM	GOVERNMENT BUSINESS SEGMENT
AA4-001	GENERAL FREIGHT 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 : 8000.0 lbs
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 17500.0 lbs
A67-99D	EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25500.0 lbs

Truck Service

AA3-005	FLATBED/PLATFORM/STAKE BODY
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in

Engine

101-21Y	CUM B6.7 325 HP @ 2400 RPM, 2600 GOV, 750 LB/FT @ 1800 RPM
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

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
014-099	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 1231XOE, 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
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
87P-001	CAB AUXILIARY POWER CABLE
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
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
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
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

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

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
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-001	FULL FLOW OIL FILTER
266-100	700 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
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

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
---------	--

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-018	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 1, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

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-010	DISABLE - LOAD BASED SHIFT SCHEDULE, DISABLE - VEHICLE ACCELERATION CONTROL
84N-000	NEUTRAL AT STOP - DISABLED, FUELSense - DISABLED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
362-1BV	CUSTOMER INSTALLED CHELSEA 270 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
370-015	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

400-1EW	DETROIT DA-F-8.0-3 8,000# 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
419-023	CONMET CAST IRON FRONT BRAKE DRUMS

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

409-006	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

620-032	8,000# TAPERLEAF FRONT SUSPENSION
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS

Rear Axle and Equipment

420-1GH	DETROIT DA-RS-17.5-4 17,500# R-SERIES SINGLE REAR AXLE
421-522	5.22 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
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH
423-028	MERITOR 15X8.62 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
440-006	REAR OIL SEALS
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE

Rear Suspension

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

622-282	AIRLINER 18,000# REAR SUSPENSION
621-046	AIRLINER MID POSITION RIDE HEIGHT
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP
888-048	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE
87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH
910-004	DUAL AIR REAR SUSPENSION LEVELING VALVES
623-002	TRANSVERSE CONTROL RODS
439-004	REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)

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
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
479-012	AIR DRYER MOUNTED UNDER HOOD
460-008	STEEL AIR BRAKE RESERVOIRS MOUNTED INSIDE RAIL
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)

Trailer Connections

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
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame

545-442	4425MM (174 INCH) WHEELBASE
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

552-043	1975MM (78 INCH) REAR FRAME OVERHANG
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 108.45 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 105.45 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
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

Chassis Equipment

556-1CU	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS, SPACED 3 INCHES FORWARD
558-001	FRONT TOW HOOKS - FRAME MOUNTED
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

204-206	42 GALLON/159 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH <u>60 gallon may be in way of downriggers. Tbd.</u>
218-005	RECTANGULAR 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)
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER
216-020	EQUIFLO INBOARD FUEL SYSTEM
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE

Tires

093-0E5	MICHELIN XZE 245/70R19.5 16 PLY RADIAL FRONT TIRES
---------	--

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

094-1FT MICHELIN XDS2 245/70R19.5 16 PLY RADIAL
REAR TIRES

Hubs

418-060 CONMET PRESET PLUS PREMIUM IRON FRONT
HUBS
450-060 CONMET PRESET PLUS PREMIUM IRON REAR
HUBS

Wheels

502-440 ACCURIDE 29195 19.5X7.50 10-HUB PILOT 5.96
INSET 5-HAND STEEL DISC FRONT WHEELS
505-440 ACCURIDE 29195 19.5X7.50 10-HUB PILOT 5-
HAND STEEL DISC REAR WHEELS
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 MOUNTING
705-012 CAB ROOF REINFORCEMENTS FOR ROOF
MOUNTED COMPONENTS
648-002 NONREMOVABLE BUGSCREEN MOUNTED
BEHIND GRILLE
678-001 LH AND RH GRAB HANDLES
646-009 PAINTED PLASTIC GRILLE
65X-001 ARGENT SILVER HOOD MOUNTED AIR INTAKE
GRILLE
644-004 FIBERGLASS HOOD
690-002 TUNNEL/FIREWALL LINER
727-1AJ DUAL 14 INCH ROUND POLISHED AIR HORNS
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
312-089 LED HEADLIGHT ASSEMBLY AND
INCANDESCENT MARKER/TURN LAMP
302-047 LED AERODYNAMIC MARKER LIGHTS
294-001 INTEGRAL STOP/TAIL/BACKUP LIGHTS
300-015 STANDARD FRONT TURN SIGNAL LAMPS
744-1BG DUAL WEST COAST MOLDED-IN COLOR
HEATED MIRRORS
797-001 DOOR MOUNTED MIRRORS
796-001 102 INCH EQUIPMENT WIDTH

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
74A-001	RH DOWN VIEW MIRROR
729-001	STANDARD SIDE/REAR REFLECTORS
677-055	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER
768-043	63X14 INCH TINTED REAR WINDOW
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)
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
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
694-010	IN DASH STORAGE BIN
693-008	PLASTIC MANIFEST BOX - LH AND RH DOORS
742-007	(2) CUP HOLDERS LH AND RH DASH
680-006	GRAY/CHARCOAL FLAT DASH
860-004	SMART SWITCH EXPANSION MODULE
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-034	PREMIUM INSULATION
285-027	SOLID-STATE CIRCUIT PROTECTION AND FUSES WITH SPARE FUSE KIT
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

324-014	DOMe LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS
655-005	LH AND RH ELECTRIC DOOR LOCKS
284-023	(1) 12 VOLT POWER SUPPLY IN DASH
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB
756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER
760-1D9	PREMIUM HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER
763-102	HIGH VISIBILITY ORANGE SEAT BELTS
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
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
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
157-007	MANUAL REMOTE ENGINE STOP/START WITH PTO RE-ENGAGE

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

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
148-072	ENGINE REMOTE INTERFACE WITH MULTIPLE SET SPEEDS
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB
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
372-073	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP - PARK BRAKE AND NEUTRAL INTERLOCK FOR CUSTOMER INSTALLED PTO
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
748-001	POWER AND GROUND STUDS IN/UNDER DASH
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP
329-012	FOUR ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-025	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

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

Design

065-000	PAINT: ONE SOLID COLOR
---------	------------------------

Color

980-151	CAB COLOR A: HSB906824
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)

Extended Warranty

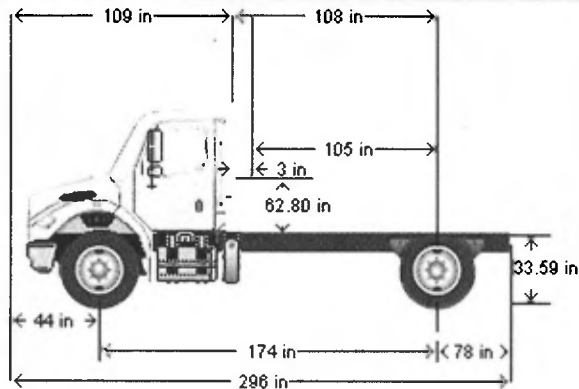
WAI-45D	CUM 2017 B6.7: HD1 MD DTY 5 YEARS / 150,000 MILES / 241,500 KM EXTENDED WARRANTY. FEX APPLIES
WAX-091	CUM 2017 B6.7: AT3 MD DTY 5 YEARS / 150,000 MILES / 241,500 KM AFTERTREATMENT. FEX APPLIES
WAK-253	ALLISON 2200 RDS SERIES TRANSMISSION EXTEND WARRANTY, 5 YEARS/UNLIMITED MILES FEX
WAG-010	TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES



Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	4425MM (174 INCH) WHEELBASE
Rear Frame Overhang (552)	1975MM (78 INCH) REAR FRAME OVERHANG
Cab Size (829)	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

Prepared for:
M K
MI City of Ann Arbor
301 E Huron Street
Ann Arbor, MI 48104
Phone: 734-994-9124

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

Dimensions	Inches
Bumper to Back of Cab (BBC)	109.3
Bumper to Centerline of Front Axle (BA)	43.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	108.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	105.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	186.4
Cab Height (CH)	62.8
Wheelbase (WB)	174.0
Frame Overhang (OH)	78.0
Overall Length (OAL)	295.7
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	33.6

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



METRO DETROIT
51761 Danview Technology Ct.

Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N

=====

Quote No. J31946

STATE REG NO: F151568

Page 1

DEALER LICENSE NUMBER: B6542

Customer: 2216
CITY OF ANN ARBOR
100 NORTH FIFTH AVENUE
ATTN: ACCOUNTING DEPT
ANN ARBOR MI 48107

01/22/18: Quote Date
02/21/18: Expire Date
N30: Terms
: Delivery

Contact: SCOTT BOWLING

Phone: 734-994-2700

Fax: 734-994-8297

EQUIPMENT MOUNTED ON CUSTOMER SUPPLIED FREIGHTLINER M2 LOWBOY WITH 19.5 TIRES
CAB CHASSIS WITH THE MINIMUM
REQUIREMENTS AS FOLLOWS:

- 17,000# GVWR
- 7,000# FRONT AXLE
- 108" CA
- PTO PROVISION
- 4 OEM SWITCHES IN CAB
- WIRING TO REAR FOR HITCH

FURNISH AND INSTALL

1) CHALLENGER 2900 AERIAL TOWER

- 24' TO BOTTOM OF PLATFORM, 29' WORKING HEIGHT
- RETRACTED TRAVEL HEIGHT ON 31" FRAME IS UNDER 11'
- WORKING PLATFORM IS 5'X8', HAS 39" HIGH HAND RAIL
36" WIDE LOCKING ENTRY GATE (CENTER), 5" KICK RAIL
TREADPLATE FLOOR.
- CENTER MOUNTED STAIRS TO PLATFORM
- PLATFORM CAPACITY IS 1,500# IN THE CENTERED POSITION. IN THE TRAVERSED
POSITION CAPACITY IS 750#
- HYDRAULIC SYSTEM INCLUDES FULL PRESSURE AND FULL FEATHERING UPPER
AND LOWER HAND OPERATED CONTROLS, OPEN CENTER TYPE SYSTEM, ANSI
REQUIRED LOWER SELECTOR AND UPPER DEADMAN CONTROL ARE INCLUDED
LOWER CONTROLS ARE LOCATED ON THE CURBSIDE.
- QUICK CONNECT COUPLERS FOR HYDRAULICS IN BASKET
- 120VAC OUTLETS AT UPPER CONTROLS
- TWO INTEGRAL H-FRAME STYLE HYDRAULIC OUTRIGGERS W/SWIVEL PADS.
- OUTRIGGER INTERLOCK SYSTEM
- 12 GALLON HYD RESERVOIR
- CHELSEA HOT SHIFT PTO AND DIRECT MOUNT PUMP
- ALL NECESSARY HYD HOSES AND OIL

1) DAKOTA 108DW ALUMINUM SERVICE BODY

- PACK HEIGHT 42"
- PACK DEPTH 20"

*** CONTINUED NEXT PAGE ***



METRO DETROIT
51761 Danview Technology Ct.

Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N

=====

Quote No. J31946

STATE REG NO: F151568

Page 2

DEALER LICENSE NUMBER: B6542

Customer: 2216
CITY OF ANN ARBOR
100 NORTH FIFTH AVENUE
ATTN: ACCOUNTING DEPT
ANN ARBOR MI 48107

01/22/18: Quote Date
02/21/18: Expire Date
N30: Terms
: Delivery

Contact: SCOTT BOWLING

Phone: 734-994-2700

Fax: 734-994-8297

- PACK LENGTH 108"
- CARGO AREA TOP OF BODY TO TOP OF FLOOR 30"

DRIVERS SIDE SPEC:

- 1 VERT) TRANSVERSE THROUGH OPEN TO PASSENGER SIDE
- 2 HORI) PURE SINE INVERTER W/ GFI OUTLET FOR CHARGERS
(18V DRILLS, SAWS, ETC)
- 3 VERT) W/6 LARGE J HOOKS

PASSENGER SIDE SPEC:

- 1 VERT) TRANSVERSE THROUGH OPEN TO DRIVERS SIDE
- 2 HORI) 24 PULL OUT BIN DRAWERS FOR PARTS & FITTINGS
- 3 VERT) 2 J HOOKS 26" FROM BOTTOM AND 8" OUT, LOCATED
BACK REAR CORNER TO HANG POST POUNDER

*****-2 1/2" SQUARE TUBE SLOT ONE EACH SIDE UPPER REAR CARGO AREA
FOR SPOOL TUBE LOCATED AT 28" FROM FLOOR

- 1) SIGN BOX LOCATED IN BETWEEN AERIAL AND BODY WITH 40" HIGH X 14" WIDE
OPENING FOR SIGNS

- 36" HIGH X 30" DEEP W/14 POLY SLOTS ON STREETSIDE
- 30" X 30" DEEP W/14 POLY SLOTS ON CURB SIDE

*****-TO BE PAINTED SCHOOL BUS YELLOW

- 1) RC ALUMINUM BULK STORAGE BOX TO RUN ON TOP OF CURB SIDE PACK

- 60"X18"X18"
- TWO DOORS TO OPEN CENTER ON LEFT SIDE OPEN WITH SPACERS FOR
SIGNAL LENSES.

- 1) FABRICATED TOP OPEN MESH STORAGE BOX TO RUN ON TOP OF STREETSIDE PACK

- 60"X18"X18"

- 1) RC ALUMINUM SIGN BOX STREETSIDE REAR TO BE LOCATED IN CARGO AREA STREET SIDE

- 30" TALL X 15" WIDE X 36" DEEP
- BOX SEPERATED IN HALF W/ ONE SIDE 12" TALL X 26" DEEP
- POLY SLOTS IN SIGN HALF WITH OTHER SIDE OPEN

*** CONTINUED NEXT PAGE ***



METRO DETROIT
51761 Danview Technology Ct.

Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N
=====

Quote No. J31946

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Page 3

Customer: 2216
CITY OF ANN ARBOR
100 NORTH FIFTH AVENUE
ATTN: ACCOUNTING DEPT
ANN ARBOR MI 48107

01/22/18: Quote Date
02/21/18: Expire Date
N30: Terms
: Delivery

Contact: SCOTT BOWLING

Phone: 734-994-2700

Fax: 734-994-8297

- 1) 16" ALUMINUM TREADBRIGHT TAILSHELF
 - 8" STEP TO BE LOCATED BELOW OFF REAR WITH GRAB HANDLE
 - BUYERS CABLE STEPS ONE ON EACH SIDE REAR BELOW STEP
 - 9"T X 12"W X 1 3/8"D
- 1) 50' TWIN HYDRAULIC REEL 1/2" HOSE WITH LOCATION CURBSIDE REAR
 - HYDRAULICS OFF BACK OF BODY
- 1) GO POWER GP-3000, 3000 WATT INVERTER LOCATED DRIVERS HORZ COMPARTMENT
- 1) MUNICIPAL STROBE PACKAGE
 - SOUND OFF MINI LIGHT BAR MODEL #EPL71M MOUNTED ON 3" ALUMINUM RISER ROOF CENTERED
 - 2 FRONT GRILL CODE 3 MR6 AMBER LED FLASHERS MOUNTED UP HIGH IN GRILL
 - 4 FRONT GRILL MOUNT CODE 3 M46 FLASHERS MOUNTED UPPER CORNERS OF BODY
 - REARCODE 3 HB19W HIDE-A-WAY FLASHERS MOUNTED IN REVERSE LENS
- 1) CODE 3 TORUS NARROWSTICK NASTLS83935 401/2" WIDE, CENTER REAR BELOW TAILGATE WITH TOP GUARD
- 1) ONE CONE HOLDER LOCATION TBD
- 1) 1/2" REAR HITCH PLATE W/ BRACING TO REAR OF TRUCK
 - SAFETY CHAIN D-RINGS
 - 2" RECIEVER TUBE MOUNTED AT 18" TO CENTER OF TUBE
 - 7 PIN ROUND PLUG
- 1) MOVE THE DEF TANK FROM DRIVERS SIDE TO PASS. SIDE FRAME RAIL
- 1) INSTALL (4) 10" PVC TUBES GOING SIDE TO SIDE IN FRONT ON TOP OF BODY WITH DOORS ON EACH SIDE.
- 1) INSTALL A GRAB HANDLE ON PASS. REAR SIDE OF TOOLBOX.
- 1) INSTALL TAIL BOARD POCKETS AND BOARD.
- 2) INSTALL TWO LED OVAL FLASHERS IN BOXES ON EACH REAR SIDE.
- 1) POSSUM BELLY FOR 10' & 3' POSTS 33" WIDE X 6.5" TALL WITH .125 ALUMINUM DROP DOWN DOOR
- 1) THIRD EYE BACK UP CAMERA

PACKAGE PRICE.....\$ 98,885.00

*** CONTINUED NEXT PAGE ***



METRO DETROIT
51761 Danview Technology Ct.

Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N
=====

Quote No. J31946

STATE REG NO: F151568

Page 4

DEALER LICENSE NUMBER: B6542

Customer: 2216
CITY OF ANN ARBOR
100 NORTH FIFTH AVENUE
ATTN: ACCOUNTING DEPT
ANN ARBOR MI 48107

01/22/18: Quote Date
02/21/18: Expire Date
N30: Terms
: Delivery

Contact: SCOTT BOWLING

Phone: 734-994-2700

Fax: 734-994-8297

THANK YOU,

JOHN WILLERER
CANNON TRUCK EQUIPMENT

QUOTE ACCEPTED AS AN ORDER _____ DATE _____ TRUCK INFO: _____

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY &
THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY.