



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>FREIGHTLINER - M2 112 (Specification #09)</u>			
Carolina Freightliner of Raleigh	2017 Freightliner M2 112 - 66000GVW	★Appalachia	\$100,228.00
Excel Truck Center	2017 Freightliner M2 112 - 66000GVW	★Dogwood	\$100,228.00
Carolina Freightliner of Raleigh	2017 Freightliner M2 112 - 66000GVW	★Cardinal	\$100,228.00
Excel Truck Center	2017 Freightliner M2 112 - 66000GVW	★Longleaf Pine	\$100,228.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

FREIGHTLINER - M2 112 SPECIFICATION #9

2017 Freightliner M2 112 - 66000GVW

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

- a. Fifth Wheel (578) - NO FIFTH WHEEL
- b. Rear Frame Overhang (552) - 1925MM (76 INCH) REAR FRAME OVERHANG
- c. Wheelbase (545)- 5600MM (220 INCH) WHEELBASE
- d. Fifth Wheel (578) - Mounting Location (577) - NO FIFTH WHEEL LOCATION
- e. Fifth Wheel (578) - Maximum Forward Position (in)- 0
- f. Fifth Wheel (578) - Maximum Rearward Position (in) - 0
- g. Fifth Wheel (578) - Amount of Slide Travel (in)- 0
- h. Fifth Wheel (578) - Slide Increment (in) - 0
- i. Fifth Wheel (578) - Desired Slide Position (in) - 0.0
- j. Cab Size (829) - 112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- k. Sleeper (682) - NO SLEEPER BOX/SLEEPER CAB
- l. Exhaust System (016)- RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

2. TABLE SUMMARY - DIMENSIONS

- a. Min. Cab to Body Clearance (CB) - 3.0 in
- b. Bumper to Centerline of Front Axle (BA) - 46.8 in
- c. Bumper to Back of Cab (BBC) - 112.4 in
- d. Back of Cab to Centerline of Rear Axle(s) (CA) - 154.4 in
- e. Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA) - 151.4 in.
- f. Back of Cab Protrusions (Exhaust/Intake) (CP) - 1.5 in
- g. Back of Cab Protrusions (Side Extenders/Trim Tab) (CP) - 0.0 in
- h. Back of Cab Protrusions (CNG Tank) - 0.0 in.
- i. Back of Cab Clearance (CL) - 3.0 in
- j. Back of Cab to End of Frame - 230.4 in
- k. Cab Height (CH) - 68.5 in
- l. Wheelbase (WB) - 220.0 in
- m. Frame Overhang (OH) - 76.0 in
- n. Overall Length (OAL) - 342.8 in
- o. Rear Axle Spacing - 52.0 in
- p. Unladen Frame Height at Centerline of Rear Axle - 44.6 in

3. PRICE LEVEL

- a. M2 PRL-14M (EFF:10/05/15)

4. DATA VERSION

- a. SPECPRO21 DATA RELEASE VER 024

5. VEHICLE CONFIGURATION

- a. M2 112 CONVENTIONAL CHASSIS - WHEEL FRONT : 8,244
- b. M2 112 CONVENTIONAL CHASSIS - WHEEL REAR : 6,126
- c. 2017 MODEL YEAR SPECIFIED
- d. SET BACK AXLE - TRUCK
- e. STRAIGHT TRUCK PROVISION
- f. LH PRIMARY STEERING LOCATION

6. GENERAL SERVICE

- a. TRUCK CONFIGURATION
- b. DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)
- c. REFUSE SERVICE
- d. GOVERNMENT BUSINESS SEGMENT
- e. MOIST BULK COMMODITY
- f. TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
- g. MAXIMUM 8% EXPECTED GRADE
- h. SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
- i. FREIGHTLINER LEVEL II WARRANTY
- j. EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs
- k. EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs
- l. EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs

7. TRUCK SERVICE

- a. REFUSE, SIDE LOAD OR REAR PACKER BODY - UNLOADS IN A LANDFILL
- b. EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in

8. ENGINE

- a. CUM ISL 350 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM - WEIGHT FRONT: -850
- b. CUM ISL 350 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM - WEIGHT REAR:-70

9. ELECTRONIC PARAMETERS

- a. 75 MPH ROAD SPEED LIMIT
- b. CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
- c. PTO MODE ENGINE RPM LIMIT - 1100 RPM
- d. PTO RPM WITH CRUISE SET SWITCH - 700 RPM
- e. PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
- f. PTO MODE CANCEL VEHICLE SPEED - 5 MPH
- g. PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
- h. PTO MINIMUM RPM - 700
- i. REGEN INHIBIT SPEED THRESHOLD - 5 MPH

10. ENGINE EQUIPMENT

- a. 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17 BUT NOT FINAL GHG17 CONFIGURATION
- b. 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)
- c. STANDARD OIL PAN
- d. ENGINE MOUNTED OIL CHECK AND FILL
- e. ONE PIECE VALVE COVER
- f. SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER
- g. DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE
- h. (3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES
- i. BATTERY BOX FRAME MOUNTED
- j. STANDARD BATTERY JUMPERS
- k. SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB
- l. WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
- m. NON-POLISHED BATTERY BOX COVER
- n. CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
- o. STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR

- p. AIR COMPRESSOR DISCHARGE LINE
- q. ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
- r. CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH - WEIGHT FRONT: 20
- s. RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE - WEIGHT FRONT: 30
- t. RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE - WEIGHT REAR: 25
- u. ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH
- v. 10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT
- w. RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP
- x. 6 GALLON DIESEL EXHAUST FLUID TANK
- y. 100 PERCENT DIESEL EXHAUST FLUID FILL
- a. LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
- aa. STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
- ab. STANDARD DIESEL EXHAUST FLUID TANK CAP
- ac. ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)
- ad. HORTON DRIVEMASTER ON/OFF FAN DRIVE
- ae. AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED
- af. CUMMINS SPIN ON FUEL FILTER
- ag. COMBINATION FULL FLOW/BYPASS OIL FILTER
- ah. 1300 SQUARE INCH ALUMINUM RADIATOR - WEIGHT FRONT: -20
- ai. ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
- aj. GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
- ak. CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
- al. ALUMINUM FLYWHEEL HOUSING
- am. ELECTRIC GRID AIR INTAKE WARMER
- an. DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH - WEIGHT FRONT: -10

11. TRANSMISSION

- a. ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION - WEIGHT FRONT: 210
- b. ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION - WEIGHT REAR: 60

12. TRANSMISSION EQUIPMENT

- a. ALLISON VOCATIONAL PACKAGE 142 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS
- b. ALLISON VOCATIONAL RATING FOR REFUSE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
- c. PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
- d. SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
- e. NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED
- f. DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
- g. VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB
- h. ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
- i. CUSTOMER INSTALLED CHELSEA 277 SERIES PTO
- j. PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
- k. MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
- l. PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
- m. TRANSMISSION PROGNOSTICS - ENABLED 2013
- n. WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
- o. TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
- p. SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

13. FRONT AXLE AND EQUIPMENT

- a. DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE - WEIGHT FRONT: 210
- b. MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES - WEIGHT FRONT: 10

- c. NON-ASBESTOS FRONT BRAKE LINING
- d. CONMET CAST IRON FRONT BRAKE DRUMS
- e. SKF SCOTSEAL PLUS XL FRONT OIL SEALS
- f. VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
- g. STANDARD SPINDLE NUTS FOR ALL AXLES
- h. MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
- i. TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR - WEIGHT FRONT: 130
- j. POWER STEERING PUMP
- k. 4 QUART POWER STEERING RESERVOIR - WEIGHT FRONT: 5
- l. OIL/AIR POWER STEERING COOLER
- m. ORGANIC SAE 80/90 FRONT AXLE LUBE

14. FRONT SUSPENSION

- a. 20,000# FLAT LEAF FRONT SUSPENSION - WEIGHT FRONT: 310
- b. GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
- c. NO FRONT SUSPENSION SPRING BRACKET OPTIONS
- d. FRONT SHOCK ABSORBERS

15. REAR AXLE AND EQUIPMENT

- a. RT-46-160 46,000# R-SERIES TANDEM REAR AXLE - WEIGHT REAR: 420
- b. 4.89 REAR AXLE RATIO
- c. IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
- d. MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES - WEIGHT FRONT: 40
- e. MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES - WEIGHT REAR: 40
- f. MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES
- g. (1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES
- h. BLINKING LAMP WITH EACH MODE SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF
- i. MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES - WEIGHT REAR: 20
- j. NON-ASBESTOS REAR BRAKE LINING
- k. STANDARD BRAKE CHAMBER LOCATION
- l. CONMET CAST IRON REAR BRAKE DRUMS
- m. SKF SCOTSEAL PLUS XL REAR OIL SEALS
- n. HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS
- o. HALDEX AUTOMATIC REAR SLACK ADJUSTERS
- p. ORGANIC SAE 80/90 REAR AXLE LUBE

16. REAR SUSPENSION

- a. HENDRICKSON RT463 REAR SUSPENSION @ 46,000# - WEIGHT REAR: 780
- b. HENDRICKSON RT/RTE - 7.19" SADDLE
- c. STANDARD AXLE SEATS IN AXLE CLAMP GROUP
- d. 52 INCH AXLE SPACING - WEIGHT REAR: 20
- e. STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS
- f. FORE/AFT CONTROL RODS

17. BRAKE SYSTEM

- a. AIR BRAKE PACKAGE
- b. WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
- c. REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
- d. FIBER BRAID PARKING BRAKE HOSE
- e. STANDARD BRAKE SYSTEM VALVES
- f. STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
- g. STD U.S. FRONT BRAKE VALVE
- h. RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
- i. BW AD-9 BRAKE LINE AIR DRYER WITH HEATER - WEIGHT FRONT: 20
- j. AIR DRYER MOUNTED INBOARD ON LH RAIL
- k. STEEL AIR BRAKE RESERVOIRS
- l. CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS

OUTBOARD

- m. PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS

18. TRAILER CONNECTIONS

- a. UPGRADED CHASSIS MULTIPLEXING UNIT
b. UPGRADED BULKHEAD MULTIPLEXING UNIT
c. NO HIGH CURRENT TRAILER/BODY CABLE

19. WHEELBASE & FRAME

- a. 5600MM (220 INCH) WHEELBASE
b. 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI - WEIGHT FRONT: 150
c. 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI - WEIGHT REAR: 60
d. 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT - WEIGHT FRONT: 200
e. 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT - WEIGHT REAR: 390
f. 1925MM (76 INCH) REAR FRAME OVERHANG
g. FRAME OVERHANG RANGE: 71 INCH TO 80 INCH - WEIGHT FRONT: -30
h. FRAME OVERHANG RANGE: 71 INCH TO 80 INCH - WEIGHT REAR: 120
i. CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 154.45 in
j. CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 151.45 in
k. CALC'D FRAME LENGTH - OVERALL : 326.12
l. CALC'D SPACE AVAILABLE FOR DECKPLATE : 154.45 in
m. CALCULATED FRAME SPACE LH SIDE : 69.06 in
n. CALCULATED FRAME SPACE RH SIDE : 102.84 in
o. SQUARE END OF FRAME
p. FRONT CLOSING CROSSMEMBER
q. STANDARD WEIGHT ENGINE CROSSMEMBER
r. STANDARD MIDSHIP #1 CROSSMEMBER(S)
s. STANDARD REARMOST CROSSMEMBER
t. STANDARD SUSPENSION CROSSMEMBER

20. CHASSIS EQUIPMENT

- a. THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS
b. REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME - WHEEL FRONT: 25
c. BUMPER MOUNTING FOR SINGLE LICENSE PLATE
d. FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
e. GRADE 8 THREADED HEX HEADED FRAME FASTENERS

21. FUEL TANKS

- a. 60 GALLON/227 LITER ALUMINUM FUEL TANK - LH
b. 25 INCH DIAMETER FUEL TANK(S)
c. PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
d. FUEL TANK(S) FORWARD
e. PLAIN STEP FINISH
f. FUEL TANK CAP(S)
g. ALLIANCE FUEL FILTER/WATER SEPARATOR - WEIGHT FRONT: 15
h. EQUIFLO INBOARD FUEL SYSTEM
i. HIGH TEMPERATURE REINFORCED NYLON FUEL LINE

22. TIRES

- a. CONTINENTAL HSU2 WT 315/80R22.5 20 PLY RADIAL FRONT TIRES - WEIGHT FRONT: 80
b. CONTINENTAL HDC1 11R22.5 16 PLY RADIAL REAR TIRES - WEIGHT REAR: 136

23. HUBS

- a. CONMET PRESET PLUS IRON FRONT HUBS
b. CONMET PRESET PLUS IRON REAR HUBS

24. WHEELS

- a. MAXION WHEELS 10041 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS - WEIGHT FRONT: 66
- b. MAXION WHEELS 90262 22.5X8.25 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS - WEIGHT REAR: 72
- c. FRONT WHEEL MOUNTING NUTS
- d. REAR WHEEL MOUNTING NUTS

25. CAB EXTERIOR

- a. 112 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
- b. AIR CAB MOUNTS
- c. NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
- d. BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS - WEIGHT FRONT: 10
- e. LH AND RH GRAB HANDLES
- f. PAINTED PLASTIC GRILLE
- g. ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE
- h. FIBERGLASS HOOD
- i. TUNNEL/FIREWALL LINER
- j. SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED - WEIGHT FRONT: 4
- k. SINGLE ELECTRIC HORN
- l. SINGLE HORN SHIELD
- m. DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
- n. REAR LICENSE PLATE MOUNT END OF FRAME
- o. INTEGRAL HEADLIGHT/MARKER ASSEMBLY
- p. (5) AMBER MARKER LIGHTS
- q. INTEGRAL STOP/TAIL/BACKUP LIGHTS
- r. STANDARD FRONT TURN SIGNAL LAMPS
- s. DUAL WEST COAST MOLDED-IN COLOR MIRRORS
- t. DOOR MOUNTED MIRRORS
- u. 102 INCH EQUIPMENT WIDTH
- v. RH DOWN VIEW MIRROR
- w. STANDARD SIDE/REAR REFLECTORS
- x. NO CAB MOUNTED STEPS
- y. 63X14 INCH TINTED REAR WINDOW
- a'. TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
- aa. MANUAL DOOR WINDOW REGULATORS
- ab. TINTED WINDSHIELD
- ac. 2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED

26. CAB INTERIOR

- a. OPAL GRAY CLOTH INTERIOR
- b. MOLDED PLASTIC DOOR PANEL
- c. MOLDED PLASTIC DOOR PANEL
- d. BLACK MATS WITH SINGLE INSULATION
- e. DASH MOUNTED ASH TRAYS AND LIGHTER
- f. FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
- g. IN DASH STORAGE BIN
- h. (2) CUP HOLDERS LH AND RH DASH
- i. GRAY/CHARCOAL FLAT DASH
- j. 2-1/2 LB. FIRE EXTINGUISHER - WEIGHT FRONT: 5
- k. HEATER, DEFROSTER AND AIR CONDITIONER
- l. STANDARD HVAC DUCTING
- m. MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
- n. STANDARD HEATER PLUMBING
- o. DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR
- p. BINARY CONTROL, R-134A
- q. STANDARD INSULATION
- r. SOLID-STATE CIRCUIT PROTECTION AND FUSES
- s. 12V NEGATIVE GROUND ELECTRICAL SYSTEM
- t. DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS
- u. CAB DOOR LATCHES WITH MANUAL DOOR LOCKS

- v. (1) 12 VOLT POWER SUPPLY IN DASH
- w. TRIANGULAR REFLECTORS WITHOUT FLARES - WEIGHT FRONT - 10
- x. BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION - WEIGHT FRONT: 30
- y. 2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT - WEIGHT FRONT: 20
- a`. INBOARD DRIVER SEAT ARMREST, NO PASSENGER SEAT ARMREST - WEIGHT FRONT: 2
- aa. LH AND RH INTEGRAL DOOR PANEL ARMRESTS
- ab. VINYL WITH VINYL INSERT DRIVER SEAT
- ac. VINYL WITH VINYL INSERT PASSENGER SEAT
- ad. 3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS
- ae. FIXED STEERING COLUMN
- af. 4-SPOKE 18 INCH (450MM) STEERING WHEEL
- ag. DRIVER AND PASSENGER INTERIOR SUN VISORS
- ah. GRAY DRIVER INSTRUMENT PANEL
- ai. GRAY CENTER INSTRUMENT PANEL
- aj. BLACK GAUGE BEZELS
- ak. LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
- al. 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
- am. INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
- an. ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
- ao. KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
- ap. ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED
- aq. HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
- ar. 2 INCH ELECTRIC FUEL GAUGE
- as. PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE
- at. ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
- au. TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT
- av. ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
- aw. CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS
- ax. NO LANE DEPARTURE WARNING SYSTEM
- ay. ELECTRIC ENGINE OIL PRESSURE GAUGE
- b`. AM/FM RADIO WITH FRONT AND REAR AUXILIARY INPUTS AND J1939 - WEIGHT FRONT: 10
- ba. DASH MOUNTED RADIO
- bb. (2) RADIO SPEAKERS IN CAB
- bc. AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
- bd. POWER AND GROUND STUDS IN/UNDER DASH
- be. ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
- bf. STANDARD VEHICLE SPEED SENSOR
- bg. ELECTRONIC 3000 RPM TACHOMETER
- bh. NO VEHICLE PERFORMANCE MONITOR - WEIGHT FRONT: -5
- bi. IDLE LIMITER, ELECTRONIC ENGINE
- bj. PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH
- bk. DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
- bl. SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
- bm. MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH
- bn. ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR
- bo. SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
- bp. INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS
- bq. NO MISCELLANEOUS GAUGES

27. DESIGN

- a. PAINT: ONE SOLID COLOR

28. COLOR

- a. CAB COLOR A: L0006EB WHITE ELITE BC
- b. BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
- c. NO FUEL TANK CABINET PAINT
- d. POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
- e. POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)

- f. BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX
- g. STANDARD E COAT/UNDERCOATING

29. CERTIFICATION / COMPLIANCE

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

30. WEIGHT SUMMARY (WEIGHTS SHOWN ARE ESTIMATES ONLY)

- a. Factory Weight - Weight Front - 8941 lbs
- b. Factory Weight - Weight Rear - 8199 lbs
- c. Factory Weight- Total Weight - 17140 lbs

31. EXTENDED WARRANTY

- a. TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP



NORTH CAROLINA SHERIFFS' ASSOCIATION

FREIGHTLINER - M2 112 SPECIFICATION #9

2017 Freightliner M2 112 - 66000GVW

The Freightliner M2 112 - 66000GVW purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$100,228.00	\$100,228.00	\$100,228.00	\$100,228.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	M2 112 - 6600GVW			
DEALER:	Carolina Freightliner of Raleigh	Excel Truck Center	Carolina Freightliner of Raleigh	Excel Truck Center
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$100,228.00	\$100,228.00	\$100,228.00	\$100,228.00

		Dogwood Appalachia & Longleaf & Cardinal Pine	
Order Code	Add Options		
	Positive & negative post for jumpstart <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Battery shut off switch mounted outboard of drivers seat <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	C-Brake by Jacobs Low/Off/High/ Engine Brake <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	1000 watt / 115 volt Block Heater <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Driver controlled tandem traction differential / both axles <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Front Brake Dust Shields <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Rear Brake Dust Shields <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Continental HSC1 12R22.5 Rear Tires - requires 9" rim <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	9"Rim <i>call dealer for pricing</i> ¹ <i>call dealer fro pricing</i> ²	NA ¹	NA ²
	LED Marker Lights <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	LED Stop Tail Lights <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Heated Mirrors with LH & RH Remote <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
	Powered Windows <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²

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Adjustable Tilt/Tele Steering Column <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
Work Brake <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
RH Stainless Fender Mounted Convex Mirrors <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
Hendrickson SC13 13,200 Steerable Axle with Tires & Rims <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²
RH Stand-Up & RH Sit Down Options ARE NON-STANDARD <i>call dealer for pricing</i> ¹ <i>call dealer for pricing</i> ²	NA ¹	NA ²