

Prepared For:

North Carolina Sheriff's Association
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Reference ID: eMV

Presented By:

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Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2024 eMV607 SBA (MV60E)

AXLE CONFIG:	4X2
APPLICATION:	Dry Van
MISSION:	Requested GVWR: 25999. Calc. GVWR: 25999. Calc. GCWR: 35000 Calc. Start / Grade Ability: 25.17% / 3.90% @ 55 MPH Calc. Geared Speed: 65.7 MPH
DIMENSION:	Wheelbase: 254.00, CA: 186.90, Axle to Frame: 112.00
MOTOR, ELECTRIC, DRIVETRAIN:	{Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
AXLE, FRONT NON-DRIVING:	{Dana Spicer D-1201R IADB} I-Beam Type, 12,000-lb Capacity, with Integrated Air Disc Brake Knuckle
AXLE, REAR, SINGLE:	{Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends Gear Ratio: 6.83
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
PAINT:	Cab schematic 100WP Location 1: 9219, Winter White (Std) Chassis schematic N/A

Description

Base Chassis, Model eMV607 SBA with 254.00 Wheelbase, 186.90 CA, and 112.00 Axle to Frame.

F/R Wt	Tot Wt
(lbs)	(lbs)
7337/6203	13540

AXLE CONFIGURATION

AXLE CONFIGURATION {Navistar} 4x2	0/0	0
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ENGINE

MOTOR, ELECTRIC, DRIVETRAIN {Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM	0/0	0
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RADIATOR Aluminum, 2-Row, Cross Flow, Four 12" E-Fan System, 595 SqIn Louvered, for Electric Vehicle	0/0	0
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ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
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REAR AXLES, SUSPENSIONS

AXLE, REAR, SINGLE {Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.83	0/0	0
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SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails	0/0	0
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AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 1 thru 29.99 Pints	0/0	0
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SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	6/2	8
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FRONT AXLES

AXLE, FRONT NON-DRIVING {Dana Spicer D-1201R IADB} I-Beam Type, 12,000-lb Capacity, with Integrated Air Disc Brake Knuckle	0/0	0
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FRONT SUSPENSIONS

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers	0/0	0
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CABS, COWLS, BODIES

CAB Conventional, Day Cab	0/0	0
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ACCESS, CAB Bright Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Extended Cab	0/0	0
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AIR CONDITIONER with Integral Heater and Defroster	0/0	0
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ARM REST, RIGHT, DRIVER SEAT	3/0	3
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AUTOMATIC CLIMATE CONTROL Automatically Maintains Cabin Comfort Based on Selected Temperature	0/0	0
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CAB INTERIOR TRIM Classic, for Day Cab	0/0	0
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CAB, INTERIOR TRIM, CLOSEOUT Under IP, Driver Side	0/0	0
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CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height	0/0	0
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FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	1/0	1
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GAUGE CLUSTER English with English Electronic Speedometer, for Electric Vehicle	0/0	0
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GRAB HANDLE, EXTERIOR (2) Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left and Right Side at B-Pillar	6/0	6
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<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
INSTRUMENT PANEL Flat Panel	0/0	0
IP CLUSTER DISPLAY Omit Display of Fault Codes in Instrument Cluster and Disable Blink Codes, Requires Service Tool to Retrieve and View Fault Code	0/0	0
MIRROR, CONVEX, LOOK DOWN Right Side, Bright, 6" x 10.5"	3/0	3
MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Turn Signals, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width	0/0	0
MIRROR, CONVEX, HOOD MOUNTED (2) Right and Left Sides, Breakaway, Bright, Heated	0/0	0
SEAT BELT All Orange; 1 to 3	0/0	0
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust	0/0	0
SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, with Under Seat Storage Compartment	38/9	47
SEATBELT WARNING LIGHT IND. Mounted in Dash, Will Flash when Park Brake is Disengaged and Driver Seatbelt Unfastened, Audible Alarm to Remind Driver to Fasten Seatbelt	0/0	0
WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	0/0	0
FRAMES		
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm); 456.0" (11582mm) Maximum OAL	147/615	762
BODY MOUNT PROVISION Stud Plates Mounted Inside Frame Rail with M20x60 Studs Protruding Outside Rail for Body Attachment	34/-3	31
BUMPER EXTENSION, FRONT 4.0"	13/-1	12
BUMPER, FRONT Contoured, Steel, Painted Gloss Black	0/0	0
CROSSMEMBER, REAR, AF (2)	-11/51	40
GVWR LIMITATION FOR FRAME Frame Rails Limited to 33,000 lb Maximum GVWR	0/0	0
LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper	3/0	3
WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)	0/0	0
BRAKES		
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control	0/0	0
BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity	0/0	0
BRAKE CHAMBERS, FRONT AXLE 18 SqiIn, for Air Disc Brakes	0/0	0
BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle	0/0	0
BRAKE CHAMBERS, REAR AXLE 18/24 SqiIn Spring Brake, Double Diaphragm, for Air Disc Brakes	0/0	0
AIR COMPRESSOR {Quanxing} 10.6 CFM, for Electric Vehicle	0/0	0
AIR DRYER {Bendix AD-9SI} with Heater, Includes Safety Valve	0/0	0

Description

	F/R Wt (lbs)	Tot Wt (lbs)
AIR DRYER LOCATION Mounted Outside Right Rail, Inside Compressor Box	0/0	0
AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports	0/0	0
AIR TANK LOCATION (2) Mounted Right Side, Under Compressor Box	0/0	0
COMPRESSOR BOX Steel, with Polished Aluminum Cover, 30" Wide, Mounted Right Side Under Cab	0/0	0

STEERING

STEERING GEAR {TRW (Ross) TAS66} Power	0/0	0
STEERING COLUMN Tilting and Telescoping	4/0	4
STEERING WHEEL 4-Spoke; 18" Dia., Black Leather Wrapped	1/0	1

DRIVELINES

DRIVELINE SYSTEM {Dana Spicer} Service Free SPL170, for 4x2/6x2	0/0	0
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ELECTRICAL SYSTEMS

ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
ANTENNA Shark Fin, Roof Mounted	0/0	0
BACK-UP ALARM Electric, 102 dBA	0/3	3
BATTERY BOX Aluminum, with Polished Aluminum Cover, 30" Wide, 2 Battery Capacity, Mounted Left Side Under Cab, for Electric Vehicle	0/0	0
BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Battery Box Mounted	2/0	2
BATTERY PACK High Voltage, 210 kWh Total Capacity	0/0	0
BATTERY SYSTEM {Fleetrite 31-PC2120 AGM} Maintenance-Free, (2) AGM 12-Volt 1850CCA Total, Top Threaded Stud	0/0	0
BODY BUILDER WIRING To Rear of Frame, with Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket	2/0	2
CHARGING PORT Forward Location, for Electric Vehicle	0/0	0

Includes

: CHARGING PORT Forward Charging Port Located on Right Rail Behind Cab in Front of the Battery Thermal Management System

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled	0/0	0
HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord	3/0	3
HORN, ELECTRIC (1) Trumpet Style	0/0	0
INDICATOR, LOW COOLANT LEVEL with Audible Alarm	0/0	0
POWER CONVERTER HV (High Voltage) Battery to 12V Battery, with Dual Converters, for Electric Vehicle	0/0	0
POWER SOURCE Cigar Type Receptacle without Plug and Cord	1/0	1
RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input	0/0	0
SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars	0/0	0

Description**F/R Wt**

(lbs)

Tot Wt

(lbs)

SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer
Furnished End of Frame Light

1/0

1

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

0/0

0

FRONT END

FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes

0/0

0

FENDER EXTENSIONS Painted

0/0

0

GRILLE Molded in Black, with Body Color Surround

0/0

0

LOGOS EXTERIOR Model Badges

0/0

0

LOGOS EXTERIOR, ENGINE Badges

0/0

0

SPEEDOMETER, TOOLS, MISCCOMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data
Plan and International 360

0/0

0

MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension

12/0

12

PAINT SCHEMATIC, PT-1 Single Color, Design 100

0/0

0

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

0/0

0

SAFETY TRIANGLES

6/0

6

SPECIAL DELIVERY REQUESTED Do not Use for Lead Truck, Must be Towed or Hauled

0/0

0

SPECIAL RATING, GVWR Limited to 25,999-lb GVWR

0/0

0

WHEELS, TIRES - FRONTWHEELS, FRONT {Accuride 43644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm
BC, Hub-Piloted, Flanged Nut, with Steel Hubs

0/0

0

(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-
Position

0/0

0

WHEELS, TIRES - REARWHEELS, REAR {Accuride 43644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud,
285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

0/0

0

(4) TIRE, REAR 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-
Position

0/0

0

Services Section:**WARRANTY**

WARRANTY Standard for Electric MV Series, Effective with Vehicles Built June 1, 2021 or Later, CTS-2023

0/0

0

Total Component Weight:**7612/6879**

(lbs)

14491

(lbs)

(lbs)

(lbs)

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.