



CE SCHOOL BUS

Sales Proposal For:
Galveston ISD

Presented By:
LONGHORN BUS SALES

Prepared For:
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Presented By:
LONGHORN BUS SALES
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Model Profile
2025 CE SCHOOL BUS (PB110)

AXLE CONFIG: 4X2
APPLICATION: School Transportation, Special Needs
MISSION: Requested GVWR: 31000. Calc. GVWR: 31000
Calc. Start / Grade Ability: 25.66% / 1.54% @ 55 MPH
Calc. Geared Speed: 79.2 MPH
DIMENSION: Wheelbase: 276.00, CA: N/A, Axle to Frame: 157.00
ENGINE, DIESEL: {Cummins B6.7 240} EPA 2021, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM
Governed Speed, 240 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC: {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, Less
PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max, School Bus
CLUTCH: Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING: {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
AXLE, REAR, SINGLE: {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends Gear Ratio: 6.14
TIRE, FRONT: (2) 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR: (4) 11R22.5 Load Range H XZE2 (MICHELIN), 501 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 100NB
Location 1: 4421, School Bus Yellow (Std)
Chassis schematic N/A

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Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 276.00 Wheelbase, N/A CA, and 157.00 Axle to Frame.

BODY PLANS

47AGK	BODY, BUS Conventional; 78" Headroom, 34'2" Body Length, 77 Passenger, 276" WB
OBD001	BODY PLAN, SPECIAL NEEDS REQUESTED DEALER DRAWING, NEED LHORN-1754
49000	BODY PLAN, APPROVED VARIATION None

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERS	ENGINE, DIESEL {Cummins B6.7 240} EPA 2021, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 240 Peak HP (Max), School Bus Only
12XCS	CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty
12WZE	CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic
12VYV	IDLE MANAGEMENT SYSTEM Ramp Engine Speed with Air Condition On, in Neutral and Parking Brake Set, Accommodation Package
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBP	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, Less PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max, School Bus
13WVW	NEUTRAL AT STOP OMIT
13WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints
13WEX	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, for Allison 1000 & 2000 Series Transmission

CLUTCH

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<u>Code</u>	<u>Description</u>
11001	CLUTCH Omit Item (Clutch & Control)

REAR AXLES, SUSPENSIONS

14AKC	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 6.14
14TDV	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails

FRONT AXLES

2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
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FRONT SUSPENSIONS

3ADB	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 10,000-lb Capacity, with Shock Absorbers <u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free
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CABS, COWLS, BODIES

16010	COWL Flat Back
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GEG	GAUGE CLUSTER Premium Level; English with English Electronic Speedometer <u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped) : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure, Primary and Secondary (if Air Equipped)
16HLJ	GAUGE, DEF FLUID LEVEL
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16563	HEATER SHUT-OFF VALVES (2) Ball Valve Type
16XJP	INSTRUMENT PANEL Wing Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

FRAMES

1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSH	BUMPER, FRONT Contoured, Steel, Naviflex Spray on Coating, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted <u>Includes</u>

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	: CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper
1SAM	CROSSMEMBER, REAR, AF (2)
1WJE	WHEELBASE RANGE 276" (700cm) Only

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBL	BRAKE, PARKING {Bendix Intellipark} Electronic Park Brake, for Truck or Bus Applications
4XDD	BRAKES, FRONT {Meritor 15X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 5", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4EDN	AIR DRYER {Bendix AD-9SI} with Heater, Includes Safety Valve
4VLE	AIR DRYER LOCATION Mounted Inside Engine Compartment, Right Side
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4722	DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WJP	PARKING BRAKE INTERLOCK with Electronic Park Brake, Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PSA	STEERING GEAR {Sheppard M100} Power
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black

DRIVELINES

6DGA	DRIVELINE SYSTEM {Dana Spicer} SPL100, for 4x2/6x2
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Code	Description
6901	PROPSHAFT GUARD

EXHAUST SYSTEMS

7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
7SCP	ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
7WCX	HEAT SHIELD Between Exhaust & Fuel Tank, Mounted to AF Crossmember
7WBL	TAIL PIPE (1) Horizontal, Long, Exits Left Side Through Bumper

ELECTRICAL SYSTEMS

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment <u>Includes</u> : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : MISCELLANEOUS FEATURES Modular, Loom Protected, Grommets in all Applicable Body Openings, Assembled in Computer Assisted Fixture which Verifies Continuity and Correct Assembly Prior to Installation : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WIRING, CHASSIS Color Coded and Continuously Numbered
8GXN	ALTERNATOR {Leece-Neville BLP4024N} Brushless, 12 Volt, 325 Amp Capacity, Pad Mount, with Remote Sense
8TTM	BATTERY BOX Steel, with Powder Coat Sliding Tray, 25.25" Wide, for Standard Batteries, 1-3 Battery Capacity, Mounted Left Side Behind Front Axle Perpendicular to Frame Rail
8MJU	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud
8XDX	BK WARN IND,PARK BK NOT SET Visual and Audible Alarm, Active Upon Ignition Off and Parking Brake Not Set, Reminder to Set Parking Brake
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8WKJ	CLOCK Digital, White LED Lettering, Black Background, Black Bezel, 12 Hour Clock Format, Western Arial Font Digital Readout, Display Dims by 50% When Headlights Are On, Dash Mounted
8TRG	COLLISION MITIGATION SYSTEM {Bendix Wingman Fusion} Adaptive Cruise, Enhanced Collision Mitigation, Multilane Auto & Stat Vehicle Braking, Stat Obj Alert, Roadway Depart Alert & Braking, Lane Depart Warning Switch & Spkrs, Ovrspd Alert & Action, Frt Radar & Camera, Drvr Display, Safety Direct Capable, Less Safety Direct Cable
8TXY	COLLISION MITIGATION MODIFIED {Bendix Wingman Fusion} Enhanced Stationary Vehicle Alert, Less Stationary Object Alert
8XJH	FOG LIGHTS (2) Clear Lens, LED, Rectangular, with White Light Source
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8XPA	HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8WZL	HEADLIGHTS, WIG WAG with Bus Pupil Warning Lights

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8540	HORN, ELECTRIC (2) Trumpet Style
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8RRE	RADIO PA Only, Includes Microphone, Less Outside Horn or Speakers
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start
8XJE	TURN SIGNALS, FRONT Dual Face, LED, Amber/Amber, Mounted on Top of Fender, Used with Standard Flush Mounted Front Turn Signal, Side Marker Lamps, Parking Lights and Reflectors

FRONT END

9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9HCY	GRILLE Molded in Black, with Chrome Surround
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges

SPEEDOMETER, TOOLS, MISC

10020	CHASSIS PAINT Full Chassis
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10WUE	MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100 <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "NB"
10788	PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
10XAK	PROMOTIONAL PACKAGE 7 Year Unlimited Miles/km Warranty, Limited Time Program for Allison 2500 Series Transmission on School and Commercial Buses (Supplied directly through Allison)

FUEL TANKS

15SLL	FUEL TANK Top Draw, Steel, Rectangular, 100 US Gal (379L), Includes Protective Cage, Mounted Between Frame Rails and Behind Rear Axle
15WEP	DEF TANK 16.5 US Gal (62.5L) Capacity, Frame Mounted Outside Right Rail, Behind 0 Bow
15LMR	FUEL/WATER SEPARATOR {Racor 400 Series,} with Primer Pump, Includes Water-in-Fuel Sensor
15LRE	LOCATION FUEL/WATER SEPARATOR Mounted Under Hood, Left Side, Above Front Axle

WHEELS, TIRES - FRONT

27DUW	WHEELS, FRONT {Accuride 51408} DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7482133269	(2) TIRE, FRONT 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
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Code	Description
7482133269	(4) TIRE, REAR 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

BODY FEATURES

47BDE	BUMPER, REAR Naviflex HD, 12" High, 3/16" Thick
47BAR	SUPPORTS, REAR BUMPER Bolted to Frame
47AYB	BODY, REAR Includes Emergency Door
47ARH	BOWS, ROOF 14 ga., One Piece Construction
	<u>Includes</u> : BOWS, ROOF Positioned Floor Line to Floor Line, Threaded Through Roof Strainers and Drip Rail
47BLU	FASTENERS, EXTERIOR MOUNTED Stainless Steel Screws; for All Exterior Body Lights, Body Exterior Rear View Mirrors, Bumper Mounted Crossing Gate and Body Mounted Stop Arms
47DXG	FASTENERS, HANDRAIL Plusnuts & Screws
47APX	FASTENERS, HEADLINER Screws
47AZL	FLOOR, BODY with Wheel Wells
47PHT	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Stainless Steel
47APR	HEADLINER, BODY Conventional; 25'11"-35'08" Body Length, Perforated Full Length with Sound Insulation Full Length
47ARP	LIGHT BARS Plastic
47BBH	LINING, SIDE INTERIOR, LOWER Embossed Steel, Clear Coated
47AXT	RUB RAILS, BODY (4) Conventional; Steel, 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths, Includes Snow Rail
	<u>Includes</u> : RUB RAILS Full Length, Primer Coated (Both Sides), Attached to Body without Cuts or Splices
47BBZ	SEALER Extra; Sidewall to Floor, In Wheel Pocket Area, and Rear Wall to Floor
47AZE	SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
47ATB	SKIRT, BODY Conventional, 20", 16ga., 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
	<u>Includes</u> : SKIRT, BODY Extra Smooth Steel Supported by Floor Gussets
47BLD	STEP, FRONT ENTRANCE DOOR 27 1/4" Depth; 14ga Steel, Formed Treads, Naviflex Finish
47AUR	TIE DOWNS, BODY Grade 8 Bolts, Every Body Section
	<u>Includes</u> : TIE DOWNS, BODY with Formed Tab that Fits into Floor Structure to Prevent Turning
47DAJ	COVER, REAR DOOR INSIDE HANDLE Partial Coverage
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DWP	DOOR, LIFT Single, 43" x 69.79", Mounted Aft of Rear Wheel Pocket, with 78" Headroom
47DAK	FASTENERS, REAR DOOR Bolts and Nutserts, Rear Door To Body
47DDE	HANDLE, ASSIST, ENTRANCE DOOR Outside Entrance
47DCW	HANDLE, EXTERIOR, LIFT DOOR Single Door, Yellow

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<u>Code</u>	<u>Description</u>
47DEY	HANDLE, EXTERIOR, REAR Emergency Door; Yellow
47DDH	HOLD BACK, REAR DOOR Stationary, No Cables, with Plastic Cover
47AVK	INTERLOCK, STARTER with Key Switch for Entrance with Lock
47DDR	LATCH, LIFT DOOR Single, Three Point Slide Bar
47DDU	LATCH, REAR DOOR One Point Slide Bar, Cam Operated, with One Inch Stroke
47EYL	LOCK, ENTRANCE DOOR in External Release, with Key
47DEK	LOCK, REAR DOOR with Ignition Starter Interlock
47DEV	LOCK, SINGLE LIFT DOOR with Ignition Starter Interlock
47BDJ	COMPARTMENT, DRIVER STORAGE Bin, Sized to Hold Three Ring Binder, Includes (1) USB-A Port and (1) USB-C Port
47EYH	COMPARTMENT, TOOLBOX, RT BPR 13" x 15" x 25.5", with Lock
47EBM	HOLD DOWN, BATTERY For (2) Standard Size Batteries
47BMA	WASTE CONTAINER Removable, Located in Driver Area
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAT	NOISE REDUCTION, ROOF BOW Conventional; Insulation, 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
47MBA	UNDERCOAT, BODY Fire Resistant, Water Based, TT-C-730 Spec <u>Includes</u> : UNDERCOATING Performed Before and After Mounting on Chassis
47SPB	ALPHA/NUMERIC DECAL GUIDE Quantity 021-30
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJA	BODY CERTIFICATION TAG Metal
47APJ	BODY RATING TAG Metal; for State of Texas, Includes Design Capacity and Seat Capacity
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers
47AKZ	DECAL, HANDICAP (4) 6" x 6", 1 Mounted on Electrical Access Door, 1 Mounted on Lift Door Below Window Line, 1 on Left Bumper, 1 on Rear Door Between Top and Bottom Glass
47PLX	LETTERS, DEF, I.D. Decal; "DEF ONLY", 1" Black, on DEF Filler Door
47MJR	LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside
47NGP	LETTERS, FUEL I.D. Paint; "DIESEL FUEL", 2" Black, Adjacent to Fuel Filler Door
47MVA	LETTERS, HEADER Decal; "WATCH YOUR STEP", 1" Black, Above Windshield
47MRU	LETTERS, E/E WINDOW, LEFT (2) Decal Sets, "EMERGENCY EXIT", Black Inside and Outside
47NHL	LETTERS, E/E WINDOW, RIGHT (2) Decal Sets, "EMERGENCY EXIT", Black, Inside and Outside
47MAV	LETTERS, SCHOOL BUS SIDE Decal; "SCHOOL BUS"; in 8" Reflective Black Letters, Each Side
47MZB	LETTERS, SCHOOL BUS FRONT/REAR Decal; OMIT "SCHOOL BUS"; with 8" Black Letters; on Front and Rear Cap
47MVC	LETTERS, STEPWELL Decal, "WATCH YOUR STEP", 2.5" Black, Behind Door on Step Riser

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47NTE	LOGO, ROOF LINE Decal; Wing and Shield, First Body Section, Above Driver Window and Entrance Door Over Driver Window and Entrance Door
47NMG	OPERATING INSTRUCTIONS, REAR Decal, Inside Rear Emergency Door
47NJA	PAINT COLOR, BODY EXTERIOR 4421 School Bus Yellow
47NKR	PAINT COLOR, BODY INTERIOR Light Gray
47NKD	PAINT COLOR, ROOF 9219 Winter White, Beginning 5" Above Drip
47NAB	PAINT COLOR, RUB RAILS 0001 Canyon Black
47NJM	PAINT FLASHER BACKGRD 0001 Canyon Black
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
47NKL	PAINT, RUB RAIL Flange to Flange
47NGJ	PAINT, WINDOW BOW CAPS 0001 Canyon Black, Side Only
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBB	SUB FLOOR, PLYWOOD Conventional; B-B Marine Grade, Less Sealed Edges, 5/8", 5 Ply, for 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
47BDA	FLOOR, COATING , Chemguard Metal Coating, Applied to Main Floor and Intermediate Sills
47KEJ	DISARM, POST TRIP INSPECTION Button Located on Light Bar at Rear of Bus
47KEB	MONITOR, POST TRIP INSPECTION {Leave No Student Behind} Accessory Controlled, with Push Button Alarm Disable at Rear of Bus Prompts Driver to Walk to Back of Bus to Disable Alarm
47DNN	SWITCH, LOCATION Left of Driver; Includes Master Flasher, Amber Flasher, and 2 Position Door Control

BODY FEATURES

48ANT	WINDOW, DRIVER Laminated, Clear
48BJK	COLOR, WINDOW FRAME, PASS (24) Passenger Window, Black
48BAH	WINDOW, E/E, LEFT (2) Vertical Hinge
48BKP	WINDOW, E/E, RIGHT (2) Vertical Hinge
48AUN	WINDOW, PASSENGER, TINT Conventional; 28% Light, Laminated Glass, 78" Headroom, with 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths

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48ARU	WINDOW, SASH (20) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PUP	FLOOR COVERING, TRIM Omit
48UWV	FLOOR COVERING, TYPE Koroseal, One Piece, Vinyl, All Body Lengths, Black
48VVR	STEP TREADS {Koroseal} Pebble White Nosing Only, with Non-Metal Backing, used with Formed Treaded Steps
48PAV	WHEEL POCKET COVER Plastic, ABS
48HDJ	AIR CONDITIONER, BODY IC Air, 120,000 BTU, Evaporators FM55 Front & Rear Flush Mounted & TA93 Side Mounted, Condensers SMC3L Skirt Mounted, Compressors TM21, #16 Suction Hose, EC4.0 Control System
48PKC	HOSE CLAMPS, HEATER HOSE Constant Torque for Heater System
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48UYC	HEATER, REAR WALL, RT SIDE 80,000 BTU
48PNW	HEATER, WATER PUMP {2 MPU 12} Self Priming, with Plastic Housing
48UZN	ROOF HATCH, FRONT {Specialty Hybrid Adv H1975-025-191-0F} Emergency Exit with Outside Release, Alarm, English Decals
48UZT	ROOF HATCH, REAR {Specialty Hybrid Adv H1975-025-191-0F} Emergency Exit with Outside Release, Alarm, English Decals
48PPS	ROOF VENT, FRONT Static
48PRH	ROOF VENT, REAR Static
48UXS	ARM REST, DRIVER Right
48VUK	SEAT, DRIVER {National ABTS 2000} Air Suspension Dual Shock, High Back with Integral Headrest, Isolated, with 2 Position Front Cushion Adjustment, 6 to 17 Degree Seat Back Adjustment, Adjustable Lumbar Support, Includes Additional Padding, 3 Point Lap and Shoulder Belts
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXP	UPHOLSTERY, BARRIER, TYPE (1-2) Prevaill, 42 oz.
48PVK	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Brown
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWR	UPHOLSTERY, DRIVER SEAT, TYPE Prevaill, 42 oz.
48BDS	BARRIER, CRASH, AFT ENTRY DOOR 39", 2 Leg
48RAL	BARRIER, CRASH, AFT DRIVER 39", 1 Leg
48UZX	HAND RAIL, ENTRANCE DOOR, AFT Dual Height Stainless Steel, Upper Rail 1.25" OD 28" Above Floor, Lower Rail 1" OD
48UZY	HAND RAIL, ENTRANCE DOOR, FWD Dual Height Stainless Steel, Upper Rail 1.25" OD 28" Above Floor, Lower Rail 1" OD
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier

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48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD002	SHIELD, COURTESY, AFT/DRIVER IGNORE, DO NOT NEED FEATURE
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48YYD	SEAT,39",TRK,3PT,LT {IMMI Seats SBR-U} (03) with 3 Point Seat Belts
48YZR	SEAT,39",TRK,3PT,RT {IMMI Seats SBR-U} (02) with 3 Point Seat Belts
48YAD	SEAT,39",WALL,3PT,LT {BTI Seating System} (9) High Back, with 3 Point Seat Belts
48YAS	SEAT,39",WALL,3PT,RT {BTI Seating System} (8) High Back, with 3 Point Seat Belts
48PWA	UPHOLSTERY, PASS SEATS, COLOR Brown, for Seats, Barriers and Head Bumpers
48PHN	UPHOLSTERY, PASS SEATS, TYPE Prevaill, 42 oz.; for (21-22) Seats
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

48HAC	WINDOW, ENTRANCE DOOR Laminated, Clear, with Single Piece Glass
49HEZ	TRACK, FLOOR LENGTHS 101"-150", with Full Shoulder Track
49JBG	TRACK, TYPE (BRAND) {OMNI L Track}
49AMJ	ALARM, BACKING {Ecco #575} 107 dB
49AMT	CIRCUIT, PROTECTION Breakers, Manual Reset in Lieu of Fuses
49BCN	FLASHER SYSTEM (8) Warning Lights, 8-Lamp System, Electronic Relay Flasher, Non-Sequential Operation, Red Lights Activate with Door Open
49DBR	HOOD, WARNING LAMP (4) Black, 8-Lamp System, One Hood Above Two Lights
49JBU	LIGHT, ENTRY DOOR {Sound Off/OptiLuxx} LED; 4" Oval; Light Mounted in Skirt Behind Entrance Door, Wired To Step Light
49BCR	LIGHT, EXTERIOR, CHECK Automatically Activates Lights for Pre Trip Inspection
49ATJ	LIGHT, INDIC, LIFT DOOR Amber; Flashing, Located in Driver Area
49ATV	LIGHT, INDIC, WARNING LIGHTS Red and Amber
	<u>Includes</u> : LIGHTS, WARNING Indicator Located in Instrument Cluster
49JBV	LIGHT, LICENSE PLATE {Sound Off/OptiLuxx} LED, with Mounting Gasket
49BZC	LIGHT, LIFT DOOR, INTERIOR Above Lift Door, Rectangular LED, with Door Operated Switch (Functionality May Be Included in Existing Dome Light)
49JBW	LIGHT, STEP {Sound Off/OptiLuxx} 4" Round LED, White, Wired to Clearance Lights, Operated by Entrance Door
49EYH	LIGHT, STROBE LED, Specialty Man. Co. 845-4020-100, Low Profile, Double Flash, 4.50" High
49ZNC	LIGHTS, BACK UP (2) {Sound Off/OptiLuxx} 4" Round, White, LED, with Flange
49NGD	LIGHTS, BACK UP, ADDITIONAL (2) {Sound Off/OptiLuxx} 4" Oval LED Mounted on Left and Right Skirts, Aft of Rear Wheel Pocket Area, Below Seat Line Rub Rail, Illumination at Rear Tire, Wired to Reverse Light Signal

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49JBS	LIGHTS, CLUSTER {Sound Off/OptiLuxx} Oval, 4 Internal LEDs per Light; Amber Front and Red Rear
49BYZ	LIGHTS, DIRECTIONAL, REAR (2) {Sound Off/OptiLuxx} LED, 7" Round Amber
49EAX	LIGHTS, DIRECTIONAL, SIDE (4) {Sound Off/OptiLuxx} Rectangular LED Armored, 2 Each Side First Section Aft Entrance Door & Forward Rear Wheel Pocket
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49ESC	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted in Light Bar in Ceiling, with Separate Switch
49JED	LIGHTS, MARKER, FRONT & REAR LED, Flush Mount, Amber Front and Red Rear
49ZNN	LIGHTS, MARKER, SIDE, INTERMED LED, Amber, Flush Mount, Intermediate, Centered, Required for Units 30 Foot or Longer
49BYT	LIGHTS, STOP (2) {Sound Off/OptiLuxx} and Tail; 7" Round LED, Red
49ZNG	LIGHTS, STOP & TAIL ADDITIONAL (2) {Sound Off/OptiLuxx} 4" Round LED, Red, with Flange
49NGJ	LIGHTS, WARNING (8) {Sound Off/OptiLuxx} (4) 7" Round Red Strobing LED and (4) 7" Round Amber Strobing LED, 2 Front, 2 Rear Each Color
49CME	MONITOR, LIGHT SYSTEM with 16 LED or Incandescent Indicator Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EMY	STOP ARM, FRONT {First Light} Electric, Fully Illuminated Stop Arm, 20.6" Octagon, Double Sided, Strobing LED Lights
49ENB	STOP ARM, LEFT REAR {First Light} Electric, Fully Illuminated Stop Arm, 20.6" Octagon, Single Sided, Strobing LED Lights
49SAA	SWITCH, INSTRUMENT PANEL LIGHTS; Rheostat
49AAZ	SWITCH, INTERRUPT CROSS GATE Single Cycle; with Auto Reset, Located In Driver Compartment
49EVL	SWITCH, NOISE SUPPRESSION Actuator Legend States, "NOISE SUPP ", for Separate Solenoid, with Red Switch in Panel
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49BXN	SWITCH, RED, OVERRIDE WARNING Wired Hot, with ESC, Mounted Left of Driver
49BUS	WIRING, WARNING LIGHTS (8) for 7" Red Warning Lights, Alternately Flashing, 2 Front, 2 Rear, Red Warning Lights to Operate When Lift Door is Open and Master Flasher Switch is "ON"
49EGL	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGB	MIRROR, INSIDE 10" x 30", Clear
OBD003	MIRROR, REAR VIEW, EXTERIOR Rear view mirrors Rosco AccuStyle Stainless Steel, Motorized Head, HEATED, Breakaway Bracket
49ENL	VISOR, INTERIOR, LEFT FRONT 10" x 30", For Left Windshield
49GDS	COMPARTMENT ABOVE DRIVER Left of the Driver <u>Includes</u> : COMPARTMENT ABOVE DRIVER Compartment Size: 39" x 10" x 10" : HINGES Piano Type
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat

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Code	Description
49GAY	KIT, BODY FLUID Texas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49MZV	LATCH, COMPARTMENT Locking, for Overhead Storage Compartment
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GDG	PADDING COMPART ABOVE DRIVER Window; Safety Equipment Compartment, with Cutout for Dome Light
49GLP	REFLECTORS, REAR (2) 3", Red, Mounted with Screws
49GLM	REFLECTORS, SIDE, FRONT (2) 3", Amber; 1 Aft Drivers Window Left, 1 Aft Entrance Door Right, Mounted with Screws
49GLA	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Mounted with Screws, Below The Third Rub Rail From the Top
49GLG	REFLECTORS, SIDE, REAR (2) 3", Red, Mounted with Screws
49GJL	SAFETY EQUIPMENT Evacuation Aid; 18 Sq Ft, Vinyl Sheet with Metal Hooks at each Corner, Used as Slide for Emergency Evacuation
49GES	SAFETY TRIANGLES Warning Reflectors, Located in Tool Box, Includes Decals
49GPH	STORAGE COMPARTMENT, BELTS (3) for Sure Lok Wheelchair Belts, Mounted to Wall
49GMM	INTERLOCK, LIFT for FMVSS Wheel Chair Interlock Requirements; Key Off, Lift Door Must be Open before Lift can be Activated, w/ Key in "On or Accessory" Position, Park Brake Must be Applied, Transmission in Neutral, Lift Door Must be Open Before Lift Can be Activated, w/ Automatic or Precision Transmissions
49NAB	LIFT, WHEELCHAIR {Braun Model NCL1000FIB3451 Gen 2} Power Pack Mounted Forward of Lift
49JCC	TIE DOWN, WHEELCHAIR {Sure-Lok AL812S-4C-7} Titan System, (03) Forward Facing, 50" Floor Space Front To Rear Required, Tie Down Only
49EPY	CUTTER, SEAT BELT (2) {TIE TECH Safecut} for Cutting Seat Belts
49JGE	CUTTER, SEAT BELT, LOCATION Mounted on Panel Left of Driver
49JAC	DEF FILLER DOOR with Non-Locking Latch
49GUK	FENDERS, RUBBER, REAR (2)
49MZS	FUEL FILLER DOOR Non-Locking, Lever Latch, Spring Loaded to Hold in Open Position
49CKT	FUEL FILLER PIPE Low Profile Neck Cap and Vent Hosing, for Use with Right Side Fill for Between the Rail Fuel Tanks, for Above the Floor Fuel Fill, for 25 GPM Fill Rate Only
49GUM	INSPECTION PLATE Fuel Sending Unit 8" x 8" Steel
49GUY	MUD FLAPS, REAR WHEELS (2) Anti-Spray, Anti-Sail
49ESH	SIGN, DESTINATION, FRONT LED Illuminated, Exterior Bulkhead Mounted, with 8" Letters "SCHOOL BUS"
49ESG	SIGN, DESTINATION, REAR LED Illuminated, Exterior Bulkhead Mounted, with 8" Letters "SCHOOL BUS"
49UBZ	STATE OF OPERATION Texas

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
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Vehicle Specifications
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<u>Code</u>	<u>Description</u>
40RAP	SERVICES, TOWING {Navistar} Service Call to 24-Month/Unlimited Mileage to the Nearest IC Bus Dealer for Navistar Warrantable Failure as Contract Defined; Includes Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$1100 (USA) Maximum Benefit per Incident
40PLG	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 60-Month/100,000 Miles (160,000 km), Covers 100% Parts and Labor; Includes Body; Excludes Extending Warranty for Engine, Transmission, Perforation or Corrosion of Cab/Cowl Structure and Paint

BODY FEATURES

49GVN	WARRANTY 5-Year, Limited
	DOT INSPECTION - WW SALES
	PRE DELIVERY INSPECTION CE MODEL
	SET GOVERNOR SPEED 65 MPH
	WEIGHT SLIP
	SAFETY VISION 6 CAM SYS, INSTALLED BY SAFETY VISION AT SCHOOL - LHB
	EYE MAX LED HAWKEYE XVIEW MIRROR - LHB

Financial Summary
2025 CE SCHOOL BUS (PB110)

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<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Net Sales Price:		\$171,085.00

Prices are good for 30 days from the date of this proposal.

PRICE PER BUS: \$171,085.00

This quote would be produced as a 2025MY product if awarded. Feature codes are subject to update upon IC Bus completion of code references. Estimated delivery: 300-365 Days from receipt of a purchase order. Longhorn Bus Sales will not be held responsible for material shortages or delays due to the global COVID-19 pandemic or any other reasons outside of our control, that of the represented OEM (IC Corp) or third-party vendors used to complete a customers' bus order. Any buses ordered, will be subject to any and all applicable surcharges at the time of build, due to the volatility of the producers material costs. Any applicable surcharges will be the responsibility of the buyer. A bus order may be delivered without OEM or third-party products (i.e., A/C, GPS, two-way radios, camera surveillance equipment, etc.), and any such items will be installed immediately upon availability. These shortages/delays will not hold up invoicing and or payment. Due to industry constraints, quote pricing may fluctuate.

Price does not include Buy Board fee of \$800 per purchase order, please add if applicable. Buy Board contract 630-20.

CODE "49GVN WARRANTY 5-YEAR, LIMITED" IS A NAVISTAR WARRANTY ONLY, IT DOES NOT APPLY TO ANY AFTERMARKET PARTS

By signing this document in acceptance of an order, the customer acknowledges that all equipment listed within this document is correct. Longhorn Bus Sales will not be responsible for any miss-built units. Any changes to what is listed herein, may result in additional charges to the order. Thank you.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.