



College Station Independent School District

Success...each life...each day...each hour

PURCHASING OFFICE INTER-DEPARTMENTAL MEMO

DATE: December 1, 2023
TO: Amy Drozd, CFO
FROM: Carmella Shafer, Director of Purchasing
SUBJECT: Purchase School Buses (9) 77 passenger and (7) 54 passengers for a total of sixteen (16) buses

The 2023 Bond program provides for the purchase of school buses to replace existing buses and add districtwide transportation capacity. The Transportation Department requested quotes from Longhorn Bus Sales based on our fleet standards as well as state required standards for nine (9) 77 passenger and seven (7) 54 passenger buses. The buses will be 2025 models and have an estimated 1-year build and delivery time. Standardizing the fleet provides additional financial and time savings because the Transportation department can stock parts to reduce downtime as well as the mechanics have already received training and are experienced working on them.

No. Passengers	Price Per Bus	Quantity	Totals
77 Passenger	\$152,520.00	9	\$ 1,372,680.00
54 Passenger	\$146,580.00	7	\$ 1,026,060.00
BuyBoard Fee			\$800
Total for 16 Buses			\$ 2,399,540.00

The quote does not include the following additional components that will be added upon delivery: routing hardware and software, child accountability components, and fuel management system components.

The quotes are based on BuyBoard purchasing cooperative contract 630-20. All items on this contract have been competitively bid and awarded based on state statutes and meets the competitive bid requirements stipulated in Texas Government Code, Section 791.025.

It is the recommendation of Carmella Shafer, Director of Purchasing, and Hector Silva, Director of Transportation that we purchase the buses in the amount of \$2,399,540.00 from Longhorn Bus Sales using 2023 bond funds.

Carmella Shafer, Director of Purchasing

Hector Silva, Director of Transportation



CE SCHOOL BUS

Sales Proposal For:
College Station

Presented By:
LONGHORN BUS SALES

December 01, 2023

Prepared For:
College Station
Transportation Dept
1812 Welsh
College Station, TX 77840-
(979)764 - 5408
Reference ID: 54P DSL 4WC

Presented By:
LONGHORN BUS SALES
LINDA BLUME
9100 N LOOP E
HOUSTON TX 77029 -
(713)631-9306

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

Model Profile
2025 CE SCHOOL BUS (PB110)

AXLE CONFIG:	4X2
APPLICATION:	School Transportation, Special Needs
MISSION:	Requested GVWR: 29800. Calc. GVWR: 29800 Calc. Start / Grade Ability: 24.84% / 1.93% @ 55 MPH Calc. Geared Speed: 88.2 MPH
DIMENSION:	Wheelbase: 217.00, CA: N/A, Axle to Frame: 126.00
ENGINE, DIESEL:	{Cummins B6.7 250} EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 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, 19,800-lb Capacity, 190 Wheel Ends Gear Ratio: 4.88
TIRE, FRONT:	(2) 255/70R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 566 rev/mile, 81 MPH, All- Position
TIRE, REAR:	(4) 255/70R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 566 rev/mile, 81 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

December 01, 2023

<u>Code</u>	<u>Description</u>
PB11000	Base Chassis, Model CE SCHOOL BUS with 217.00 Wheelbase, N/A CA, and 126.00 Axle to Frame.

BODY PLANS

47AEU	BODY, BUS Conventional; 78" Headroom, 26'8" Body Length, +9 Section Front and Rear, 59 Passenger, 217/218 WB
OBD001	BODY PLAN, SPECIAL NEEDS TBD - BODY PLAN REQUESTED
49001	BODY PLAN, APPROVED VARIATION Number 001

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12EYH	ENGINE, DIESEL {Cummins B6.7 250} EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max), School Bus Only
12VJR	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2024
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
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

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Code	Description
13WEX	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, for Allison 1000 & 2000 Series Transmission

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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REAR AXLES, SUSPENSIONS

14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 4.88
14TDV	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
14WAW	FLAT FLOOR EFFECTS for Air Suspension; with Conventional Bus Models

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
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
16BAL	HEATER
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
16VUY	MONITOR, TIRE PRESSURE System Gives Warning that Tire Pressure is Below Set Pressure, Monitors Tire Pressure of Each Tire with Temperature Compensation, Data Displayed in the LCD of the Cluster, for 4x2 Axle Configuration, Does Not Include Lift Axles or Spare Wheels
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

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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
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty <u>Notes</u> : Bumper Thickness is .25"
1LNT	CROSSING GATE, FRONT Omit Item
1SAL	CROSSMEMBER, REAR, AF (1)
1570	TOW HOOK, FRONT (2) Frame Mounted
1WRP	TOW HOOK, REAR (2) Mounted on Lower Rail Flange
1WHT	WHEELBASE RANGE 193" (490cm) Through and Including 217" (550cm)
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 {Gunitite} 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 {Gunitite} 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

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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
6901	PROPSHAFT GUARD
EXHAUST SYSTEMS	
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8TTK	BATTERY BOX Steel, with 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
8TUT	COLLISION MITIGATION SYSTEM Omit
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8XKC	HEADLIGHTS Halogen, with Daytime Running Lights, Automatic Twilight Controlled
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn On if Windshield Wipers are Turned On
8540	HORN, ELECTRIC (2) Trumpet Style

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8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8RRC	RADIO AM/FM/USB Input/Auxiliary Input, Includes Wiring and Antenna, with Public Address System
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start

FRONT END

9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9HCW	GRILLE Molded in Black
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

15SLK	FUEL TANK Top Draw, Steel, Rectangular, 65 US Gal (246L), 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
7752528132	(2) TIRE, FRONT 255/70R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 566 rev/mile, 81 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
7752528132	(4) TIRE, REAR 255/70R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 566 rev/mile, 81 MPH, All-Position

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
BODY FEATURES	
47BAK	BUMPER, REAR Painted, 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
47APX	FASTENERS, HEADLINER Screws
47AZK	FLOOR, BODY Flat
47PBZ	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Body Color
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
47AXR	RUB RAILS, BODY (4) Conventional; Steel, 25'2", 25'11", 26'8", 27'5" Body Length, 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
47AZC	SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 25'2", 25'11", 26'8", 27'5", Body Length
47ASZ	SKIRT, BODY Conventional, 20", 16ga., 25'2", 25'11", 26'8", 27'5" Body Length
	<u>Includes</u> : SKIRT, BODY Extra Smooth Steel Supported by Floor Gussets
47BLE	STEP, FRONT ENTRANCE DOOR 25 3/4" 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
47DYL	DOOR, ENTRANCE, FRONT Air, 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
47DEY	HANDLE, EXTERIOR, REAR Emergency Door; Yellow
47DDH	HOLD BACK, REAR DOOR Stationary, No Cables, with Plastic Cover
47DDR	LATCH, LIFT DOOR Single, Three Point Slide Bar
47DDU	LATCH, REAR DOOR One Point Slide Bar, Cam Operated, with One Inch Stroke

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
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
47EBM	HOLD DOWN, BATTERY For Up To 3 Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAR	NOISE REDUCTION, ROOF BOW Conventional; Insulation, 25'2", 25'11", 26'8", 27'5" 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
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
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
47NKM	PAINT COLOR, BODY INTERIOR 9384 Spring White
47NJS	PAINT COLOR, BUMPER Rear, 0001 Canyon Black
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

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<u>Code</u>	<u>Description</u>
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
47NKL	PAINT, RUB RAIL Flange to Flange
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47NXH	STRIPING, E/E WINDOW, LEFT {3M} (02) Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWU	STRIPING, E/E WINDOW, RIGHT {3M} (02) Perimeter, 1" Yellow Fluorescent Diamond Grade
47NXN	STRIPING, PERIMETER, REAR {3M} Emergency Door, 1" Yellow Fluorescent Diamond Grade
47NWR	STRIPING, REAR END {3M} 2" Yellow Fluorescent Diamond Grade
47NWT	STRIPING, ROOF HATCH, FRONT {3M} Decal, Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWH	STRIPING, ROOF HATCH, REAR {3M} Decal, Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWJ	STRIPING, SEATLINE {3M} 2" Yellow Fluorescent Diamond Grade
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SAZ	SUB FLOOR, PLYWOOD Conventional; B-B Marine Grade, Less Sealed Edges, 5/8", 5 Ply, for 25'2", 25'11", 26'8" or 27'5" Body Lengths
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
47DNK	SWITCH, LOCATION Steering Wheel; Includes Master Flasher, Flasher On/Off, Red Override, and Door Control
	<u>Includes</u> : SWITCH, STEERING WHEEL, LIGHT Includes Illuminated Switches

BODY FEATURES

48ANT	WINDOW, DRIVER Laminated, Clear
48BJA	COLOR, WINDOW FRAME, PASS Passenger Window, Natural Aluminum Finish
48BAH	WINDOW, E/E, LEFT (2) Vertical Hinge
48BKP	WINDOW, E/E, RIGHT (2) Vertical Hinge
48AUL	WINDOW, PASSENGER, TINT Conventional; 28% Light, Laminated Glass, 78" Headroom, with 25'2", 25'11", 26'8", 27'5" Body Lengths
48ARD	WINDOW, SASH (9) 27" Sections, 9"x 23" Opening
48ASR	WINDOW, SASH +9 SECTIONS (3) 9" x 32 1/4" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	aisle POSITION Center, for balanced seating
48PBD	FLOOR COVERING, COLOR Brown
48PJR	FLOOR COVERING, TRIM Aluminum
48PJZ	FLOOR COVERING, TYPE {Koroseal} All Body Lengths

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
48VVR	STEP TREADS {Koroseal} Pebble White Nosing Only, with Non-Metal Backing, used with Formed Treaded Steps
48GZW	AIR CONDITIONER, BODY IC Air, 120,000 BTU, Evaporators FM55 Front & Rear Flush Mounted, Condensers SMC3L Skirt Mounted, Compressors TM21, #16 Suction Hose, with EC4.0 Control System
48PKC	HOSE CLAMPS, HEATER HOSE Constant Torque for Heater System
48UZK	FAN, DEFOG LEFT OF DRIVER 6.50" Diameter, Black, Mounted on Driver Overhead Compartment, 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
48RYW	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Isolated, with 2 Position Front Cushion Adjustment, 6 to 17 Degree Seat Back Adjustment, Mechanical Lumbar Support, Includes Additional Back Padding
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXP	UPHOLSTERY, BARRIER, TYPE (1-2) Prevaill, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
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
48DPL	HAND RAIL, ENTRANCE DOOR, AFT 1" Dia, Stainless Steel
48DPR	HAND RAIL, ENTRANCE DOOR, FWD 1" Dia, Stainless Steel
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48BDG	POUCH, CRASH BARRIER Full Width, Sewn Into Front Side of Barrier AFT of Driver Seat
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48YRL	SEAT, 36", TRK, 3PT, CHLD, LT {IMMI Seats SBR-U} (03) with 3 Point Seat Belts, Child Restraint
48XAG	SEAT, 36", WALL, 3PT, CHLD, RT {BTI Seating System} (03) High Back, with 3 Point Seat Belts and Child Restraint
48YYC	SEAT, 39", TRK, 3PT, LT {IMMI Seats SBR-U} (02) with 3 Point Seat Belts
48YAK	SEAT, 39", WALL, 3PT, RT {BTI Seating System} (2) High Back, with 3 Point Seat Belts
48PWE	UPHOLSTERY, PASS SEATS, COLOR Black, for Seats, Barriers and Head Bumpers
48PHE	UPHOLSTERY, PASS SEATS, TYPE Prevaill, 42 oz.; for (09-10) Seats

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

48HAC	WINDOW, ENTRANCE DOOR Laminated, Clear, with Single Piece Glass
49HGC	TRACK, FLOOR LENGTHS 251"-300", 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
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
49PTB	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} Rectangular LED Armor Type, Amber, 1 Each Side, Second Bow Section Aft of Entrance Door Between 2nd & 3rd Rub Rail
49JEN	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 25'02", 25'11", 26'08", 27'05", 28'02", 28'11" 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

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
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
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49BMA	STOP ARM, FRONT {Specialty 2980} Air, 18" Octagon, Double Sided, 1/2" White Border, Hi Intensity Grade, Strobing LED Lights
49BWG	STOP ARM, LEFT REAR {Specialty 2981} Air, Hi Intensity, Strobing LED Lights, with Letters on Back
49SAA	SWITCH, INSTRUMENT PANEL LIGHTS; Rheostat
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"
49NBM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco High Definition} Black, Heated, with LED Downlit Front Lighting
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DNB	MIRROR, REAR VIEW, EXTERIOR {Rosco AccuStyle} Black, Motorized Head, Heated, Breakaway Bracket
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, 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
49GGU	FIRE BLANKET 36 Sq. Ft.
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
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

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
49HAY	STORAGE COMPARTMENT, BELTS (4) 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
49JCE	TIE DOWN, WHEELCHAIR {Sure-Lok AL812S-4C-7} Titan System, (04) 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
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
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
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
40YET	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
40YGC	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 24-Month/50,000 Miles (80,000 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
	SET GOVERN SPEED @ 60 MPH
	WEIGHT SLIP
	DVR CAMERA SYSTEM - SEON 5 CAMERA *** LHB INSTALL
	TWO WAY RADIO - MOTOROLA XPR5550E
	PRE DELIVERY INSPECTION CE MODEL

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

December 01, 2023

Code

Description

BACKUP CAMERA IN MIRROR 10X30 - CBC INSTALL

Financial Summary
2025 CE SCHOOL BUS (PB110)

December 01, 2023

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Net Sales Price:		\$146,580.00

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an IC Corporation vehicle.

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

PRICE PER BUS: \$146,580.00

***OPTIONAL ITEMS TO CONSIDER (Not included in above pricing) ***

\$160 per bus - Window frames black (does not include black painted posts in between windows)

\$70 per bus - Digital clock located on dash (right side)

\$65 per bus - Waste container located right side forward of entry door

\$75 per bus - Black front grille with chrome surround

\$185 per bus - Dual height handrails on each side of entry stepwell

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. Instructions for payment of invoices will be provided upon invoicing. No one from Longhorn Bus Sales will contact or email wiring or ACH instructions for payment.

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

40PKZ Warranty: Longhorn Bus Sales will cover the warranty for 24-months/unlimited mileage. (Navistar will cover the first 50K miles. Longhorn Bus will cover 50K+ miles, up to the ending of the 24-month period, as per current Texas School Bus Specifications.

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

Financial Summary
2025 CE SCHOOL BUS (PB110)

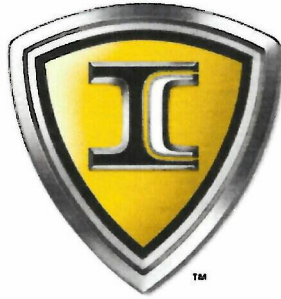
December 01, 2023

**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.



CE SCHOOL BUS

Sales Proposal For:
College Station

Presented By:
LONGHORN BUS SALES

December 01, 2023

Prepared For:
College Station
Transportation Dept
1812 Welsh
College Station, TX 77840-
(979)764 - 5408
Reference ID: 77P DSL 3PT

Presented By:
LONGHORN BUS SALES
LINDA BLUME
9100 N LOOP E
HOUSTON TX 77029 -
(713)631-9306

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

Model Profile
2025 CE SCHOOL BUS (PB110)

AXLE CONFIG:	4X2
APPLICATION:	School Transportation
MISSION:	Requested GVWR: 31000. Calc. GVWR: 31000 Calc. Start / Grade Ability: 22.51% / 1.65% @ 55 MPH Calc. Geared Speed: 92.9 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 166.00
ENGINE, DIESEL:	{Cummins B6.7 250} EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 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: 5.29
TIRE, FRONT:	(2) 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
PB11000	Base Chassis, Model CE SCHOOL BUS with 276.00 Wheelbase, N/A CA, and 166.00 Axle to Frame.

BODY PLANS

47AMG	BODY, BUS Conventional; 78" Headroom, 34'11" Body Length, +9 Section Rear, 81 Passenger, 276 WB <u>Includes</u> : NOTE: Body Mandates Overall Vehicle Length of Greater than 40 Feet
OBD001	BODY PLAN, NON-SPECIAL NEEDS USE BODY PLAN 50ZDV 49001
49001	BODY PLAN, APPROVED VARIATION Number 001

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12EYH	ENGINE, DIESEL {Cummins B6.7 250} EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max), School Bus Only
12VJR	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2024
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
13WEX	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, for Allison 1000 & 2000 Series Transmission

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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REAR AXLES, SUSPENSIONS

14AKC	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
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
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
16BAL	HEATER
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
16VUY	MONITOR, TIRE PRESSURE System Gives Warning that Tire Pressure is Below Set Pressure, Monitors Tire Pressure of Each Tire with Temperature Compensation, Data Displayed in the LCD of the Cluster, for 4x2 Axle Configuration, Does Not Include Lift Axles or Spare Wheels
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
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
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty <u>Notes</u> : Bumper Thickness is .25"
1LNT	CROSSING GATE, FRONT Omit Item
1SAL	CROSSMEMBER, REAR, AF (1)
1570	TOW HOOK, FRONT (2) Frame Mounted
1WRP	TOW HOOK, REAR (2) Mounted on Lower Rail Flange
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 SqiIn
4LAG	SLACK ADJUSTERS, FRONT {Gunitex} 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 SqiIn Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunitex} 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

December 01, 2023

<u>Code</u>	<u>Description</u>
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
6901	PROPSHAFT GUARD
EXHAUST SYSTEMS	
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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	<p>ELECTRICAL SYSTEM 12-Volt, Standard Equipment</p> <p><u>Includes</u></p> <p>: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel</p> <p>: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever</p> <p>: 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</p> <p>: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light</p> <p>: STARTER SWITCH Electric, Key Operated</p> <p>: TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature</p> <p>: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted</p> <p>: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever</p> <p>: WIRING, CHASSIS Color Coded and Continuously Numbered</p>
8GXN	ALTERNATOR {Leece-Neville BLP4024N} Brushless, 12 Volt, 325 Amp Capacity, Pad Mount, with Remote Sense
8TTK	BATTERY BOX Steel, with 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
8TUT	COLLISION MITIGATION SYSTEM Omit
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8XKC	HEADLIGHTS Halogen, with Daytime Running Lights, Automatic Twilight Controlled
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn On if Windshield Wipers are Turned On
8540	HORN, ELECTRIC (2) Trumpet Style

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8RRC	RADIO AM/FM/USB Input/Auxiliary Input, Includes Wiring and Antenna, with Public Address System
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start

FRONT END

9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9HCW	GRILLE Molded in Black
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
7382138132	(2) TIRE, FRONT 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 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
7382138132	(4) TIRE, REAR 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 rev/mile, 75 MPH, All-Position

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
BODY FEATURES	
47BAK	BUMPER, REAR Painted, 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
47APX	FASTENERS, HEADLINER Screws
47AZL	FLOOR, BODY with Wheel Wells
47PBZ	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Body Color
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
47DYL	DOOR, ENTRANCE, FRONT Air, Outward Opening, with Single Pane Glass
47DAK	FASTENERS, REAR DOOR Bolts and Nutserts, Rear Door To Body
47DDE	HANDLE, ASSIST, ENTRANCE DOOR Outside Entrance
47DEY	HANDLE, EXTERIOR, REAR Emergency Door; Yellow
47DDH	HOLD BACK, REAR DOOR Stationary, No Cables, with Plastic Cover
47DDU	LATCH, REAR DOOR One Point Slide Bar, Cam Operated, with One Inch Stroke
47EYL	LOCK, ENTRANCE DOOR in External Release, with Key

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
47DEK	LOCK, REAR 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
47EVY	COMPARTMENT, LUGGAGE, LT MID 114" x 24" x 22" <u>Includes</u> : HINGES Rubber : LATCH, T-HANDLE, LOCKING Stainless Steel
47EWA	COMPARTMENT, LUGGAGE, RT MID 114" X 24" X 22"
47EBM	HOLD DOWN, BATTERY For Up To 3 Batteries
47EMV	LUGGAGE RACK, INTERIOR Tubular, Below Light Bar, 22 Bow
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
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
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
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
47NKM	PAINT COLOR, BODY INTERIOR 9384 Spring White
47NJS	PAINT COLOR, BUMPER Rear, 0001 Canyon Black
47NKD	PAINT COLOR, ROOF 9219 Winter White, Beginning 5" Above Drip

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<u>Code</u>	<u>Description</u>
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
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47NXH	STRIPING, E/E WINDOW, LEFT {3M} (02) Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWU	STRIPING, E/E WINDOW, RIGHT {3M} (02) Perimeter, 1" Yellow Fluorescent Diamond Grade
47NXN	STRIPING, PERIMETER, REAR {3M} Emergency Door, 1" Yellow Fluorescent Diamond Grade
47NWR	STRIPING, REAR END {3M} 2" Yellow Fluorescent Diamond Grade
47NWT	STRIPING, ROOF HATCH, FRONT {3M} Decal, Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWH	STRIPING, ROOF HATCH, REAR {3M} Decal, Perimeter, 1" Yellow Fluorescent Diamond Grade
47NWJ	STRIPING, SEATLINE {3M} 2" Yellow Fluorescent Diamond Grade
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
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
47DNK	SWITCH, LOCATION Steering Wheel; Includes Master Flasher, Flasher On/Off, Red Override, and Door Control
	<u>Includes</u> : SWITCH, STEERING WHEEL, LIGHT Includes Illuminated Switches

BODY FEATURES

48ANT	WINDOW, DRIVER Laminated, Clear
48BJA	COLOR, WINDOW FRAME, PASS Passenger Window, Natural Aluminum Finish
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
48ARU	WINDOW, SASH (20) 27" Sections, 9"x 23" Opening
48ASP	WINDOW, SASH +9 SECTIONS (2) 9" x 32 1/4" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBD	FLOOR COVERING, COLOR Brown
48PJR	FLOOR COVERING, TRIM Aluminum

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
48PJZ	FLOOR COVERING, TYPE {Koroseal} All Body Lengths
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
48UZK	FAN, DEFOG LEFT OF DRIVER 6.50" Diameter, Black, Mounted on Driver Overhead Compartment, 2 Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u> : AIR FILTER
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
48PPC	SWITCH, HTR FAN, REAR, LT with 84,500 BTU Rear Heater Only
48RYW	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Isolated, with 2 Position Front Cushion Adjustment, 6 to 17 Degree Seat Back Adjustment, Mechanical Lumbar Support, Includes Additional Back Padding
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXP	UPHOLSTERY, BARRIER, TYPE (1-2) Prevaill, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
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
48DPL	HAND RAIL, ENTRANCE DOOR, AFT 1" Dia, Stainless Steel
48DPR	HAND RAIL, ENTRANCE DOOR, FWD 1" Dia, Stainless Steel
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48BDG	POUCH, CRASH BARRIER Full Width, Sewn Into Front Side of Barrier AFT of Driver Seat
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48XGC	SEAT, 26", WALL, 3PT, LT {BTI Seating System} (01) High Back, with 3 Point Seat Belts

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<u>Code</u>	<u>Description</u>
48WZV	SEAT,36",WALL,3PT,CHLD,LT {BTI Seating System} (02) High Back, with 3 Point Seat Belts, with Child Restraints
48XAE	SEAT,36",WALL,3PT,CHLD,RT {BTI Seating System} (02) High Back, with 3 Point Seat Belts and Child Restraint
48YAE	SEAT,39",WALL,3PT,LT {BTI Seating System} (10) High Back, with 3 Point Seat Belts
48YAV	SEAT,39",WALL,3PT,RT {BTI Seating System} (11) High Back, with 3 Point Seat Belts
48PWE	UPHOLSTERY, PASS SEATS, COLOR Black, for Seats, Barriers and Head Bumpers
48PHR	UPHOLSTERY, PASS SEATS, TYPE Prevaill, 42 oz.; for (25-26) Seats
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

48HAC	WINDOW, ENTRANCE DOOR Laminated, Clear, with Single Piece Glass
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
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
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
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
49PTB	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} Rectangular LED Armor Type, Amber, 1 Each Side, Second Bow Section Aft of Entrance Door Between 2nd & 3rd Rub Rail
49JEK	LIGHTS, DOME LED, Rectangular Recessed Type, Two Full Rows, 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

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<u>Code</u>	<u>Description</u>
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
49AWV	SPEAKERS AND WIRING (8) Flush Mounted In Light Bar
49BMA	STOP ARM, FRONT {Specialty 2980} Air, 18" Octagon, Double Sided, 1/2" White Border, Hi Intensity Grade, Strobing LED Lights
49BWG	STOP ARM, LEFT REAR {Specialty 2981} Air, Hi Intensity, Strobing LED Lights, with Letters on Back
49SAA	SWITCH, INSTRUMENT PANEL LIGHTS; Rheostat
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
49BTR	WIRING MOD, DOME LIGHTS Mounted in Ceiling
49NBM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco High Definition} Black, Heated, with LED Downlit Front Lighting
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DNB	MIRROR, REAR VIEW, EXTERIOR {Rosco AccuStyle} Black, Motorized Head, Heated, Breakaway Bracket
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, 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
49GGU	FIRE BLANKET 36 Sq. Ft.
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
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
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition

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<u>Code</u>	<u>Description</u>
49GUB	CUTTER, SEAT BELT {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
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
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
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
40YET	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
40YGC	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 24-Month/50,000 Miles (80,000 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
	SET GOVERN SPEED @ 60 MPH
	DOT INSPECTION
	WEIGHT SLIP
	DVR CAMERA SYSTEM - SEON 5 CAMERA *** LHB INSTALL
	TWO WAY RADIO - MOTOROLA XPR5550E
	PRE DELIVERY INSPECTION CE MODEL
	BACKUP CAMERA IN MIRROR 10X30 - CBC INSTALL

Financial Summary
2025 CE SCHOOL BUS (PB110)

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<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Net Sales Price:		\$152,520.00

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an IC Corporation vehicle.

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

PRICE PER BUS: \$152,520.00

***OPTIONAL ITEMS TO CONSIDER (Not included in above pricing) ***

\$260 per bus - Window frames black (does not include black painted posts in between windows)

\$70 per bus - Digital clock located on dash (right side)

\$65 per bus - Waste container located right side forward of entry door

\$75 per bus - Black front grille with chrome surround

\$185 per bus - Dual height hand rails on each side of entry stepwell

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. Instructions for payment of invoices will be provided upon invoicing. No one from Longhorn Bus Sales will contact or email wiring or ACH instructions for payment.

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

40PKZ Warranty: Longhorn Bus Sales will cover the warranty for 24-months/unlimited mileage. (Navistar will cover the first 50K miles. Longhorn Bus will cover 50K+ miles, up to the ending of the 24-month period, as per current Texas School Bus Specifications.

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

Financial Summary
2025 CE SCHOOL BUS (PB110)

December 01, 2023

**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.