



# **INTEGRATED CE S BUS**

Sales Proposal For:  
**Galveston ISD**

Presented By:  
**LONGHORN BUS SALES**

**Prepared For:**  
Galveston ISD  
of Transportation Director  
3101 83rd st.  
Galveston, TX 77554-  
(409)740 - 1208  
Reference ID: 3 77P DSL 3PT

**Presented By:**  
LONGHORN BUS SALES  
LINDA BLUME  
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HOUSTON TX 77029 -  
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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**  
**2024 INTEGRATED CE S BUS (PB105)**

<b>APPLICATION:</b>	School Transportation
<b>MISSION:</b>	Requested GVWR: 31000. Calc. GVWR: 31000 Calc. Start / Grade Ability: 25.60% / 1.75% @ 55 MPH Calc. Geared Speed: 79.2 MPH
<b>DIMENSION:</b>	Wheelbase: 276.00, CA: N/A, Axle to Frame: 166.00
<b>ENGINE, DIESEL:</b>	{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
<b>TRANSMISSION, AUTOMATIC:</b>	{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
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends Gear Ratio: 6.14
<b>TIRE, FRONT:</b>	(2) 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
<b>TIRE, REAR:</b>	(4) 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
<b>SUSPENSION, REAR, AIR, SINGLE:</b>	{International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
<b>PAINT:</b>	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

**Vehicle Specifications**  
**2024 INTEGRATED CE S BUS (PB105)**

September 01, 2022

<u>Code</u>	<u>Description</u>
PB10500	Base Chassis, Model INTEGRATED CE S BUS with 276.00 Wheelbase, N/A CA, and 166.00 Axle to Frame.

**BODY PLANS**

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47AMG	BODY, BUS Conventional; 78" Headroom, 34'11" Body Length, +9 Section Rear, 78 Passenger, 276 WB <u>Includes</u> : NOTE: Body Mandates Overall Vehicle Length of Greater than 40 Feet
50UCJ	BODY PLAN, NON-SPECIAL NEEDS Conventional; 34' 11" Body Length, +9 Section Rear, 77 Passenger, 276" WB, DX9386A000
49001	BODY PLAN, APPROVED VARIATION Number 001

**ENGINE**

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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
12VJB	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2022
12UYE	RADIATOR Aluminum, 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VBR	AIR CLEANER with Service Protection Element <u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic <u>Notes</u> : Cruise Control Switches Mounted on Steering Wheel are Non-Illuminated.
12VWH	GOVERNOR Electronic Road Speed Type; for Electronic Engines and Bus Models; with 55 MPH Default
12VYV	IDLE MANAGEMENT SYSTEM Ramp Engine Speed with Air Condition On, in Neutral and Parking Brake Set, Accommodation Package
12UGN	THROTTLE, HAND CONTROL Electronic <u>Notes</u> : Cruise Control Switches Mounted on Steering Wheel are Non-Illuminated.

**TRANSMISSION**

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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
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<b>Code</b>	<b>Description</b>
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

**CLUTCH**

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11001 CLUTCH Omit Item (Clutch & Control)

**REAR AXLES, SUSPENSIONS**

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14AKC	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 6.14
14TBS	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

**FRONT AXLES**

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2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
	<u>Includes</u> : AXLE, FRONT SQUARING to Plus or Minus .015 Inch, using a Special Fixture to Assure Parallelism of Springs
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

**FRONT SUSPENSIONS**

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3ADB	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 10,000-lb Capacity, with Shock Absorbers
	<u>Includes</u> : SPRING PINS Bolt and Nut Type : SPRING PINS Rubber Bushings, Maintenance-Free
	<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

**CABS, COWLS, BODIES**

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16010	COWL Flat Back
16HBA	GAUGE CLUSTER English with English Electronic Speedometer
	<u>Includes</u> : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
16HLJ	GAUGE, DEF FLUID LEVEL
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

**Vehicle Specifications**  
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16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

**FRAMES**

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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  <u>Includes</u> : CHASSIS PAINT Chassis Painted Prior to Body Mounting : FRAME RAILS All holes Laser Aligned and Machine Punched, Powder Coated Prior to Full Assembly, Assembled in Fixture using "Grade 8" Bolts : FRAME REINFORCEMENT, SPECIAL 3.30" x 1.80" x 0.312" x 31.50" Inverted "L" in Front Shock Absorber Mounting Area
1LTV	BUMPER, FRONT Contoured, Steel, Heavy Duty
1LNT	CROSSING GATE, FRONT Omit Item  <u>Includes</u> : CROSSING GATE, FRONT Matches Contour of Bumper
1SAM	CROSSMEMBER, REAR, AF (2)
1WJE	WHEELBASE RANGE 276" (700cm) Only

**BRAKES**

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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 : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : 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  <u>Notes</u> : Rear Axle is Limited to 19,000-LB GAWR with Code 04091 BRAKE SYSTEM, AIR and Code 04NDC BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered : Rear Axle is Limited to 20,000-LB GAWR with Code 04092 BRAKE SYSTEM, AIR and Code 04NCW BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered
4GBL	BRAKE, PARKING {Bendix Intellipark} Electronic Park Brake, for Truck or Bus Applications  <u>Includes</u> : PARKING BRAKE CONTROL Electronic Switch Located on Instrument Panel
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
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 {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 SqIn Spring Brake

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4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4EBS	AIR DRYER {Bendix AD-9} with Heater
4VCY	AIR TANK LOCATION (1) Mounted Left Side to Provide Clearance for Larger Body Builder Supplied Battery Box
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
4LGG	SLACK ADJUSTERS, REAR {Gunitex} Automatic

**STEERING**

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5PSA	STEERING GEAR {Sheppard M100} Power
5708	STEERING COLUMN Tilting
5CAL	STEERING WHEEL 2-Spoke, 18" Dia., Black

**DRIVELINES**

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6DGA	DRIVELINE SYSTEM {Dana Spicer} SPL100, for 4x2/6x2
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**EXHAUST SYSTEMS**

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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**

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8RRG	BRAKE, PARKING DISPLAY Electronic Park Brake Interface
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment  <u>Includes</u> : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : 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 FLASHER : TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors; 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
8GXK	ALTERNATOR {Leece-Neville BLP4006HN} Brushless, 12 Volt, 325 Amp Capacity, Pad Mount, with Remote Sense

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<b>Code</b>	<b>Description</b>
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
8NBX	BATTERY SYSTEM {JCI} 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
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
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8WPB	HEADLIGHTS Halogen, Composite Aero Design, with Daytime Running Lights
8WZL	HEADLIGHTS, WIG WAG with Bus Pupil Warning Lights
8VBC	HORN, ELECTRIC (2) Trumpet Style, Mounted Above Left Frame Rail
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start
8VZK	TURN SIGNALS, FRONT Dual Face, LED, Amber/Red, Mounted on Top of Fender, Used with Standard Flush Mounted Front Turn Signal, Side Marker Lamps, Parking Lights and Reflectors

**FRONT END**

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9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction  <u>Includes</u> : AIR INTAKE SYSTEM Integrated Pre-Cleaning System to Enhance Air Filter Life : GRILLE Removable; Fiberglass Painted Hood Color : SPLASH SHIELD Integral with Front End Assembly
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical
9AAE	LOGOS EXTERIOR, ENGINE Badges

**SPEEDOMETER, TOOLS, MISC**

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10020	CHASSIS PAINT Full Chassis
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)
10DAS	PROMOTIONAL PKG, CORR RESIST Corrosion Resistant Bus
10XAH	PROMOTIONAL PACKAGE LED INTR {Sound Off/OptiLuxx} LED Lights
10XAJ	PROMOTIONAL PACKAGE LED EXT {Sound Off/OptiLuxx} LED Lights

**FUEL TANKS**

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<u>Code</u>	<u>Description</u>
15SJT	FUEL TANK Top Draw, Steel, Rectangular, 100 US Gal (379L), Includes Protective Cage, with Low Profile Fuel Filler Assembly and Vent Hosing, 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

**WHEELS, TIRES - FRONT**

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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**

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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
7482133269	(4) TIRE, REAR 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

**BODY FEATURES**

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47BAK	BUMPER, REAR Painted, 12" High, 3/16" Thick
47BAR	SUPPORTS, REAR BUMPER Bolted to Frame
47AYB	BODY, REAR Includes Emergency Door  <u>Includes</u> : DOOR, REAR EMERGENCY with Concealed Hinges : HEADER BUMPER Padded, Mounted Over Rear Door; Upholstered to Match Passenger Seat Color
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
47PCA	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Stainless Steel, 4 Point Mount
47APR	HEADLINER, BODY Conventional; 25'11"-34'11" 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



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<b><u>Code</u></b>	<b><u>Description</u></b>
47ASG	SKIRT, BODY for Conventional, 14 1/2", 16ga  <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
47DNB	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Split Pane Glass  <u>Includes</u> : DOOR, ENTRANCE, FRONT Aluminum Frame with Pin Style Hinges, Ball Bearing Assisted, Interchangeable Top and Bottom Glass Lock : LOCK, ENTRANCE DOOR With Key Switch
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
47ALP	INTERLOCK, STARTER with Key Switch, Electric Entrance Door with Locks, Outward Opening
47DDU	LATCH, REAR DOOR One Point Slide Bar, Cam Operated, with One Inch Stroke
47EWS	LOCK, ENTRANCE DOOR Electric Close Only, with Toggle Switch
47DEK	LOCK, REAR DOOR with Ignition Starter Interlock
47DRW	RELEASE, ENTRANCE DR EXTERIOR Manual Door Control Right Front Electric Entrance Door
47EYB	COMPARTMENT, TOOLBOX, LT FWD 13" x 15" x 25.5", with Lock
47EYH	COMPARTMENT, TOOLBOX, RT BPR 13" x 15" x 25.5", with Lock
47EBM	HOLD DOWN, BATTERY For (2) Standard Size Batteries
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
47PLX	LETTERS, DEF, I.D. Decal; "DEF ONLY", 1" Black, on DEF Filler Door

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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
47BKK	LETTERS, SCHOOL BUS FRONT/REAR Decal; "SCHOOL BUS"; with 8" Black Reflective Letters, 3M Fluorescent Diamond Grade, Yellow 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 INSTR, REAR Decal, Inside Rear Emergency Door
47NJA	PAINT COLOR, BODY EXTERIOR 4421 School Bus Yellow
47NKR	PAINT COLOR, BODY INTERIOR Light Gray
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
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
47MRK	STRIPING, BUMPER (3) Decal, Non-contrasting, Front and Rear
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 Body Exterior; 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

**Vehicle Specifications**  
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47KDC	MONITOR, POST TRIP INSPECTION {Leave No Student Behind} Accessory Controlled, with Push Button Alarm Disable at Rear of Bus in Light Bar 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**

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48ANT	WINDOW, DRIVER Laminated, Clear
48ANM	WINDOW, ENTRANCE DOOR, BOTTOM Laminated, Clear
48ANE	WINDOW, ENTRANCE DOOR, TOP Laminated, Clear
48BJL	COLOR, WINDOW FRAME, PASS (26) 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
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
48PAM	WINDSHIELD 3 Flat Pieces, 73% Light, with Band
48PAY	aisle POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PUP	FLOOR COVERING, TRIM Omit
48UWW	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
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
48PPM	HEATER CUT OFF, VALVE Ball, with Butterfly Handle
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48GYV	HEATER, DEFLECTOR Kit, for Driver Heater
48GHC	HEATER, DRIVER 90,000 BTU, with Defroster and without Rear Heat Duct
	<u>Includes</u>
	: AIR FILTER
	: HEATER HOSES Premium
	: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
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

**Vehicle Specifications**  
**2024 INTEGRATED CE S BUS (PB105)**

September 01, 2022

<u>Code</u>	<u>Description</u>
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
48PTT	ARM REST, DRIVER, RIGHT {National}
48NAT	FITTINGS, AIR SEAT for Driver Seat
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
48XPX	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.
48RAE	BARRIER, CRASH, AFT ENTRY DOOR 39", 1 Leg
48RAL	BARRIER, CRASH, AFT DRIVER 39", 1 Leg
48RGR	HAND RAIL, ENTRANCE DOOR, AFT Stainless Steel, 4", Above Step
48RGE	HAND RAIL, ENTRANCE DOOR, FWD Stainless Steel; Curved
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48XGC	SEAT,PASS,3PT,LT,26",2 LEG {BTI Seating System} (01) High Back, with 3 Point Seat Belts
48YAH	SEAT,PASS,3PT,LT,39",2 LEG {BTI Seating System} (12) High Back, with 3 Point Seat Belts
48YAX	SEAT,PASS,3PT,RT,39",2 LEG {BTI Seating System} (13) High Back, with 3 Point Seat Belts
48PWA	UPHOLSTERY, PASS SEATS, COLOR Brown, for Seats, Barriers and Head Bumpers
48PHR	UPHOLSTERY, PASS SEATS, TYPE Prevaill, 42 oz.; for (25-26) Seats
48RLX	CUSHION, SEAT 15" Depth
	<u>Includes</u> : WARRANTY Four Years
48RRA	UPHOLSTERY, SEAT, STITCHING Single
	<u>Includes</u> : WARRANTY Two Years

**BODY FEATURES**

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49AMJ	ALARM, BACKING {Ecco #575} 107 dB
49AMT	CIRCUIT, PROTECTION Breakers, Manual Reset in Lieu of Fuses
	<u>Includes</u>

**Vehicle Specifications**  
**2024 INTEGRATED CE S BUS (PB105)**

**September 01, 2022**

<b><u>Code</u></b>	<b><u>Description</u></b>
	: ACCESS PANEL for Body and Chassis Fuses/Circuit Breakers Located on Body Exterior; Below Driver Window
49AJH	CONNECTION, LIGHTS Cluster, Clearance and Side Marker To Tail Lights
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
49DAG	LIGHT, INDIC, WARNING LIGHTS LED Type; Red and Amber
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
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
49JBS	LIGHTS, CLUSTER {Sound Off/OptiLuxx} Oval, 4 Internal LEDs per Light; Amber Front and Red Rear
49BYY	LIGHTS, DIRECTIONAL, FRONT {Sound Off/OptiLuxx} with Park, 7" Round Amber LED, on Front Cowl
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
49JBP	LIGHTS, DOME {Sound Off/OptiLuxx} (07) LED, Rectangular Recessed Type, Mounted in Light Bar
49ESC	LIGHTS, DOME, DRIVER {Sound Off/OptiLuxx} (1) LED, Rectangular, Mounted in Light Bar in Ceiling, with Separate Switch
49BYV	LIGHTS, MARKER, FRONT & REAR (8) {Sound Off/OptiLuxx} LED, Rectangular, Armored, (4) Amber Front and (4) Red Rear
49EAW	LIGHTS, MARKER, SIDE, INTERMED {Sound Off/OptiLuxx} LED, Amber, Rectangular, Armored, 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
49CLM	RADIO, ENTERTAINMENT AM/FM/USB Input/Auxiliary Input, Includes Antenna and Cable, with Public Address System
49ANU	SOURCE, POWER 12 VDC, Mounted In Dash
49AWU	SPEAKERS AND WIRING (6) Flush Mounted in Light Bar
49AGE	STOP ARM, FRONT {Specialty 2900} Air, 18" Octagon, Double Sided, 1/2" White Border, Scotchlite Hi Intensity Grade, Flashing Red Lights

**Vehicle Specifications**  
**2024 INTEGRATED CE S BUS (PB105)**

**September 01, 2022**

<b><u>Code</u></b>	<b><u>Description</u></b>
49AKM	STOP ARM, LEFT REAR {Specialty 2901} Air, 18" Octagon, Single Sided, 1/2" White Border, Scotchlite Hi Intensity Grade, Flashing Red Lights
49AMD	SWITCH, DRIVER PANEL, TYPE Rocker
49SAA	SWITCH, INSTRUMENT PANEL LIGHTS; Rheostat
49ANH	SWITCH, MAGNETIC, DISCONNECT Master, Ignition Operated, All Body Circuits
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
49HJX	MIRROR, BRACE, EXTERIOR Telescoping for Stainless Steel Breakaway Bracket
49BVH	MIRROR, CROSS VIEW, EXTERIOR (2) {Mirror Lite High Definition Busboy} Stainless Steel
49EGB	MIRROR, INSIDE 10" x 30", Clear
49EJS	MIRROR, REAR VIEW, EXTERIOR {Rosco} Stainless Steel, Motorized Head, Heated, Breakaway Bracket, Suspended
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
49GGE	FIRE EXTINGUISHER, DRIVER AREA 5 lb 2A-40BC Minimum, with Flexible Hose and Metal Nozzle
49GAY	KIT, BODY FLUID Texas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49MZV	LATCH, COMPARTMENT Locking, for Overhead Storage Compartment
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
49GEP	SAFETY TRIANGLES Warning Reflectors, Ship Loose
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49GCC	CUTTER, SEAT BELT, LOCATION Centered on Inside of Driver Compartment Lid
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

**Vehicle Specifications**  
**2024 INTEGRATED CE S BUS (PB105)**

**September 01, 2022**

<u>Code</u>	<u>Description</u>
49GUM	INSPECTION PLATE Fuel Sending Unit 8" x 8" Steel
49GVA	MUD FLAPS, FRONT WHEELS (2) Anti-Sail and Anti-Spray
49GUY	MUD FLAPS, REAR WHEELS (2) Anti-Spray, Anti-Sail
49GWW	WINDSHIELD WASHER Kit; 6 Quart Capacity, Bottle
	<u>Includes</u> : WINDSHIELD WASHER ELECTRICAL CONNECTIONS Sealed and Locking Type
49GBV	WINDSHIELD WIPERS (2) Cowl Mounted
	<u>Includes</u> : WINDSHIELD WIPERS CONTROL Single Motor, Overlapping Wipe Pattern
49UBZ	STATE OF OPERATION Texas

**Services Section:**

**WARRANTY**

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40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
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**

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49GVN	WARRANTY 5-Year, Limited
<b>Body/Allied Equipment</b>	
<u>Code</u>	<u>Description</u>
<b>Goods Purchased</b>	
<u>Code</u>	<u>Description</u>
	SET GOVERN SPEED @ 65 MPH
	PRE DELIVERY INSPECTION CE MODEL
	IC MATERIAL SURCHARGE 4.15.22
PRO AIR INSTALL	136KBTU PRO AIR AC FRONT/REAR/MID/DASH SKIRT CONDENSERS
	DEFROST KIT - AC
	DOT INSPECTION - PRO AIR
	WEIGHT SLIP - PRO AIR
	MOTOROLA APX4500 DASH MOUNT, SHIPPED LOOSE - BEARCOM
	SAFETY VISION 6 CAM, INSTALLED - LHB
	LED STOP ARMS, ELECTRIC, INSTALLED - LHB
	EYE MAX LED HAWKEYE XVIEW MIRROR, LHB
	ROSCO SAFE-T-SCOPE 360 CAMERA SYSTEM WITH 7" MOR-VISION ULTRA BRIGHT MONITOR IN 10"X30" MIRROR. 4 CAMERAS: FRONT,REAR,TWO SIDES. INSTALLED AT IC PLANT TULSA.

Vehicle Specifications  
2024 INTEGRATED CE S BUS (PB105)

September 01, 2022

Code

Description

LED "SCHOOL BUS" SIGNS, LHB



**Financial Summary**  
**2024 INTEGRATED CE S BUS (PB105)**

**September 01, 2022**

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Net Sales Price:		\$442,365.00

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: \$147,455.00

PRICE FOR (3) THREE BUSES: \$442,365.00

Estimated delivery: 290-330 Days (Diesel) & 180-240 Days (LPG) 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 customer's bus order. 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 body 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.**