

Matt Kearns
 207-459-0766 ext.
 matthew.kearns@devivobus.com

Commodity Information

Vendor Line #: 1

Vendor Name: DATTCO INC

Commodity Line #: 1

Commodity Code: 07033

Commodity Description: School Buses, Complete, Conventional Type

Commodity Specifications:

Commodity Extended Description: School Bus, Select Type C Diesel & Electric, Type A Gas

Quantity	UOM	Unit Price
0.00000		0.000000
Delivery Days	Free On Board	
0		
Contract Amount	Service Start Date	Service End Date
0.00	07/01/23	06/30/25
Catalog Name	Discount	
	0.0000 %	
	Discount Start Date	Discount End Date

Please see authorized signatures displayed on the next page

Each signatory below represents that the person has the requisite authority to enter into this Contract. The parties sign and cause this Contract to be executed.

State of Maine - Department of Administrative and Financial Services

DocuSigned by:
David Morris 6/15/2023
2A644AF5681F482...

Signature Date

David Morris, Acting Chief Procurement Officer

and

DATTCO INC

DocuSigned by:
Matthew Kearns 6/15/2023
5C48B576FE3C471...

Signature Date

Matthew Kearns, School Bus Manager

RIDERS

<input checked="" type="checkbox"/>	The following riders are hereby incorporated into this Contract and made part of it by reference: (check all that apply)
<input checked="" type="checkbox"/>	Rider A – MA User Information and/or Specifications
<input checked="" type="checkbox"/>	Rider B – Terms and Conditions
<input type="checkbox"/>	Rider C - Exceptions
<input checked="" type="checkbox"/>	Bid Cover Page and Debarment Form – Appendix A from RFQ
<input checked="" type="checkbox"/>	Municipality Political Subdivision and School District Participation Certification – Appendix D from RFQ
<input checked="" type="checkbox"/>	Vendor Bus Specifications
<input type="checkbox"/>	Other – Included at Department’s Discretion

RIDER A
Master Agreement User Information and/or Specifications
MA 230516-151

Commodity: School Bus, Select Type C Diesel & Electric, Type A Gas

Awarded School Buses

Type C

Diesel 36, 42, 48, 54, 78, 81, 83 Capacity

Electric 48, 54, 66, 72 Capacity

Type A

Gasoline 20, 24 GM Capacity

The State reserves the right to add other similar items or commodities to the MA if it's in the State's best interest but does not obligate the State to purchase similar noncontracted items or commodities from the selected bidder.

Master Agreement Competitive Bid RFQ: 05A 230327-236

Contract Period: Through June 30, 2025. The State of Maine with vendor approval can opt to issue up to one (1) two (2) year and one (1) one (1) year extensions.

Vendor Contact Person: The vendor contact person will help consumers place orders, inquire about orders that have not been delivered, all shipping issues, quality issues and any issues pertaining to the Master Agreement (MA) contract. All orders not submitted through a Delivery Order will be sent through the vendor contact person. The vendor contact person for this MA is:

Name: Matt Kearns **Tel:** 207-459-0766 **Email:** matthew.kearns@dattco.com

Prices: Prices are with shipping terms of "Free on Board (FOB) – Destination". The State intends for this to mean that all goods shall be priced to include shipping charges, if any, to the State's desired location. The "FOB – Destination" shipping term is also intended to mean that the State shall not bear any responsibility for the goods in question until the State takes possession of them at the destination point of delivery.

Price and Rate Guarantee Period: All quoted prices and rates must be guaranteed for and must remain firm for minimally one year of the initial contract period. Any approved price or rate adjustments must be held firm for minimally one year or the remainder of the contract period if there is less than one year remaining. Price adjustment requests must be made by the vendor(s) at least sixty (60) days prior to the effective date. Requests for price adjustments must include sufficient documentation from the manufacture documenting the request is based on the vendor's actual cost increases. The price adjustment will not go into effect until the contract amendment has been fully approved



by the State of Maine. The Bidder must deliver the buses at the contracted price at the time the order is placed.

Authorized Users: All State of Maine Departments, Agencies and statewide public school systems.

Quantities: It is understood and agreed that the MA will cover the actual quantities required by the State over the length of the contract.

Ordering Procedures: Delivery Orders (DO) will be created in AdvantageME for all orders from State Agencies. If a DO is used, the DO will be emailed to the email address referenced on the MA as a .pdf file. Public school systems will handle their own orders and will be responsible for all payments.

Delivery and Inspection: The requested items will be inspected after delivery. If shipment is deemed unacceptable the delivery will be refused and will be returned at the risk and expense of the selling vendor.

Specifications

All buses must meet all applicable Federal Motor Vehicle Safety Standards (FMVSS's) issued by the U.S. Department of Transportation (DOT) National Highway Traffic Safety Administration (NHTSA) and all applicable State and Federal Laws, including the current National School Transportation Specifications and Procedures (2015). All buses must meet or exceed Code of Maine Regulations (05-071 CMR Chap. 86) Maine Uniform School Bus Specifications.

Vehicle and component parts must be of the highest quality and workmanship available in the various trades and of substantial, durable, and safe construction. In all cases materials and construction of the vehicle must be furnished as specified.

All units or parts not herein contained or specified shall be manufacturer's standard. All parts shall be new. In no case will used, reconditioned, or obsolete parts be accepted. Insofar as possible, parts and equipment in any one vehicle shall be a duplicate in manufacture, design and construction and shall be interchangeable with parts and equipment in any other vehicle in the proposal.

RIDER B TERMS AND CONDITIONS

- 1. DEFINITIONS:** The following definitions are applicable to these standard terms and conditions:
 - a. The term "Buyer" or "State" shall refer to the Government of the State of Maine or a person representing the Government of the State of Maine.
 - b. The term "Department" or "DAFS" shall refer to the State of Maine Department of Administrative and Financial Services.
 - c. The term "Bureau" or "BGS" shall refer to the State of Maine Bureau of General Services.
 - d. The term "Division" shall refer to the State of Maine Division of Purchases.
 - e. The term "Contractor", "Vendor", or "Provider" shall refer to the organization that is providing goods and/or services through the contract to which these standard terms and conditions have been attached and incorporated.
 - f. The term "Contract" or "Agreement" shall refer to the contract document to which these standard terms and conditions apply, taking the format of a Buyer Purchase Order (BPO) or Master Agreement (MA) or other contractual document that is mutually agreed upon between the State and the Contractor.

- 2. WARRANTY:** The Contractor warrants the following:
 - a. That all goods and services to be supplied by it under this Contract are fit and sufficient for the purpose intended, and
 - b. That all goods and services covered by this Contract will conform to the specifications, drawing samples, symbols or other description specified by the Division, and
 - c. That such articles are merchantable, good quality, and free from defects whether patent or latent in material and workmanship, and
 - d. That all workmanship, materials, and articles to be provided are of the best grade and quality, and
 - e. That it has good and clear title to all articles to be supplied by it and the same are free and clear from all liens, encumbrances and security interest.

Neither the final certificate of payment nor any provision herein, nor partial nor entire use of the articles provided shall constitute an acceptance of work not done in accordance with this agreement or relieve the Contractor liability in respect of any warranties or responsibility for faulty material or workmanship. The Contractor shall remedy any defects in the work and pay any damage to other work resulting therefrom, which shall appear within one year from the date of final acceptance of the work provided hereunder. The Division of Purchases shall give written notice of observed defects with reasonable promptness.

- 3. TAXES:** Contractor agrees that, unless otherwise indicated in the order, the prices herein do not include federal, state, or local sales or use tax from which an exemption is available for purposes of this order. Contractor agrees to accept and use tax exemption certificates when supplied by the Division as applicable. In case it shall ever be determined that any tax included in the prices herein was not required to be paid by Contractor, Contractor agrees to notify the Division and to make prompt application for the refund thereof, to take all proper steps to procure the same and when received to pay the same to the Division.

4. PACKING AND SHIPMENT: Deliveries shall be made as specified without charge for boxing, carting, or storage, unless otherwise specified. Articles shall be suitably packed to secure lowest transportation cost and to conform to the requirements of common carriers and any applicable specifications. Order numbers and symbols must be plainly marked on all invoices, packages, bills of lading, and shipping orders. Bill of lading should accompany each invoice. Count or weight shall be final and conclusive on shipments not accompanied by packing lists.

5. DELIVERY: Delivery should be strictly in accordance with delivery schedule. If Contractor's deliveries fail to meet such schedule, the Division, without limiting its other remedies, may direct expedited routing and the difference between the expedited routing and the order routing costs shall be paid by the Contractor. Articles fabricated beyond the Division's releases are at Contractor's risk. Contractor shall not make material commitments or production arrangements in excess of the amount or in advance of the time necessary to meet delivery schedule, and, unless otherwise specified herein, no deliveries shall be made in advance of the Division's delivery schedule. Neither party shall be liable for excess costs of deliveries or defaults due to the causes beyond its control and without its fault or negligence, provided, however, that when the Contractor has reason to believe that the deliveries will not be made as scheduled, written notice setting forth the cause of the anticipated delay will be given immediately to the Division. If the Contractor's delay or default is caused by the delay or default of a subcontractor, such delay or default shall be excusable only if it arose out of causes beyond the control of both Contractor and subcontractor and without fault of negligence or either of them and the articles or services to be furnished were not obtainable from other sources in sufficient time to permit Contractor to meet the required delivery schedule.

6. FORCE MAJEURE: The State may, at its discretion, excuse the performance of an obligation by a party under this Agreement in the event that performance of that obligation by that party is prevented by an act of God, act of war, riot, fire, explosion, flood or other catastrophe, sabotage, severe shortage of fuel, power or raw materials, change in law, court order, national defense requirement, or strike or labor dispute, provided that any such event and the delay caused thereby is beyond the control of, and could not reasonably be avoided by, that party. The State may, at its discretion, extend the time period for performance of the obligation excused under this section by the period of the excused delay together with a reasonable period to reinstate compliance with the terms of this Agreement.

7. INSPECTION: All articles and work will be subject to final inspection and approval after delivery, notwithstanding prior payment, it being expressly agreed that payment will not constitute final acceptance. The Division of Purchases, at its option, may either reject any article or work not in conformity with the requirements and terms of this order, or re-work the same at Contractor's expense. The Division may reject the entire shipment where it consists of a quantity of similar articles and sample inspection discloses that ten (10%) percent of the articles inspected are defective, unless Contractor agrees to reimburse the Division for the cost of a complete inspection of the articles included in such shipment. Rejected material may be returned at Contractor's risk and expense at the full invoice price plus applicable incoming transportation charges, if any. No replacement of defective articles of work shall be made unless specified by the Division.

8. INVOICE: The original and duplicate invoices covering each and every shipment made against this order showing Contract number, Vendor number, and other essential particulars, must be forwarded promptly to the ordering agency concerned by the Vendor to whom the order is issued. Delays in receiving invoice and also errors and omissions on statements will be considered just cause for withholding settlement without losing discount privileges. All accounts are to be carried in the name of the agency or institution receiving the goods, and not in the name of the Division of Purchases.

9. ALTERATIONS: The Division reserves the right to increase or decrease all or any portion of the work and the articles required by the bidding documents or this agreements, or to eliminate all or any portion of such work or articles or to change delivery date hereon without invalidating this Agreement. All such alterations shall be in writing. If any such alterations are made, the contract amount or amounts shall be adjusted accordingly. In no event shall Contractor fail or refuse to continue the performance of the work in providing of articles under this Agreement because of the inability of the parties to agree on an adjustment or adjustments.

10. TERMINATION: The Division may terminate the whole or any part of this Agreement in any one of the following circumstances:

- a. The Contractor fails to make delivery of articles, or to perform services within the time or times specified herein, or
- b. If Contractor fails to deliver specified materials or services, or
- c. If Contractor fails to perform any of the provisions of this Agreement, or
- d. If Contractor so fails to make progress as to endanger the performance of this Agreement in accordance with its terms, or
- e. If Contractor is adjudged bankrupt, or if it makes a general assignment for the benefit of its creditors or if a receiver is appointed on account of its insolvency, or
- f. Whenever for any reason the State shall determine that such termination is in the best interest of the State to do so.

In the event that the Division terminates this Agreement in whole or in part, pursuant to this paragraph with the exception of 8(f), the Division may procure (articles and services similar to those so terminated) upon such terms and in such manner as the Division deems appropriate, and Contractor shall be liable to the Division for any excess cost of such similar articles or services.

11. NON-APPROPRIATION: Notwithstanding any other provision of this Agreement, if the State does not receive sufficient funds to fund this Agreement and other obligations of the State, if funds are de-appropriated, or if the State does not receive legal authority to expend funds from the Maine State Legislature or Maine courts, then the State is not obligated to make payment under this Agreement.

12. COMPLIANCE WITH APPLICABLE LAWS: Contractor agrees that, in the performance hereof, it will comply with applicable laws, including, but not limited to statutes, rules, regulations or orders of the United States Government or of any state or political subdivision(s) thereof, and the same shall be deemed incorporated herein by reference. Awarding agency requirements and regulations pertaining to copyrights and rights in data. Access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers and records of the Contractor which are directly pertinent to that specific contract for the purpose of making audit, examination,

excerpts, and transcriptions. Retention of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed. Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h), section 508 of the Clean Water Act, (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000). Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

13. INTERPRETATION: This Agreement shall be governed by the laws of the State of Maine as to interpretation and performance.

14. DISPUTES: The Division will decide any and all questions which may arise as to the quality and acceptability of articles provided and installation of such articles, and as to the manner of performance and rate of progress under this Contract. The Division will decide all questions, which may arise as to the interpretation of the terms of this Agreement and the fulfillment of this Agreement on the part of the Contractor.

15. ASSIGNMENT: None of the sums due or to become due nor any of the work to be performed under this order shall be assigned nor shall Contractor subcontract for completed or substantially completed articles called for by this order without the Division's prior written consent. No subcontract or transfer of agreement shall in any case release the Contractor of its obligations and liabilities under this Agreement.

16. STATE HELD HARMLESS: The Contractor agrees to indemnify, defend, and save harmless the State, its officers, agents, and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, material men, laborers and other persons, firm or corporation furnishing or supplying work, services, articles, or supplies in connection with the performance of this Agreement, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the Contractor in the performance of this Agreement.

17. SOLICITATION: The Contractor warrants that it has not employed or written any company or person, other than a bona fide employee working solely for the Contractor to solicit or secure this Agreement, and it has not paid, or agreed to pay any company, or person, other than a bona fide employee working solely for the Contractor any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon, or resulting from the award for making this Agreement. For breach or violation of this warranty, the Division shall have the absolute right to annul this agreement or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gifts, or contingent fee.

18. WAIVER: The failure of the Division to insist, in any one or more instances, upon the performance of any of the terms, covenants, or conditions of this order or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant, or condition or the future exercise of such right, but the obligation of Contractor with respect to such future performance shall continue in full force and effect.

19. MATERIAL SAFETY: All manufacturers, importers, suppliers, or distributors of hazardous chemicals doing business in this State must provide a copy of the current Material Safety Data Sheet (MSDS) for any hazardous chemical to their direct purchasers of that chemical.

20. COMPETITION: By accepting this Contract, Contractor agrees that no collusion or other restraint of free competitive bidding, either directly or indirectly, has occurred in connection with this award by the Division of Purchases.

21. INTEGRATION: All terms of this Contract are to be interpreted in such a way as to be consistent at all times with this Standard Terms and Conditions document, and this document shall take precedence over any other terms, conditions, or provisions incorporated into the Contract.

22. ORDER OF PRECEDENCE. In the event of a conflict between the documents comprising this Agreement, the Order of Precedence shall be:

- a. Exceptions - If applicable
- b. General Terms & Conditions for Goods and/or Services under Buyer Purchase Orders
and Master Agreements
- c. Scope of Work - If applicable
- d. Vender Agreement - Included at Department's Discretion
- e. Other - Included at Department's Discretion

Appendix A

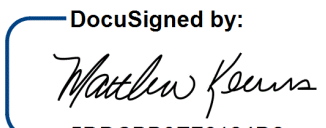
**STATE OF MAINE
DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
DIVISION OF PROCUREMENT SERVICES**

BID COVER PAGE and DEBARMENT FORM

Bidder's Organization Name: DATTCO, Inc. d/b/a DeVivo Bus Sales		
Chief Executive - Name/Title: Donald DeVivo		
Tel: 860-356-0252	Fax:	E-mail: dond@dattco.com
Headquarters Street Address: 315 South Street		
Headquarters City/State/Zip: New Britain, CT 06051		
<i>(provide information requested below if different from above)</i>		
Lead Point of Contact for Bid - Name/Title: Matt Kearns, School Bus Sales Manager		
Tel: 207-459-0766	Fax:	E-mail: matthew.kearns@devivobus.com
Street Address: 315 South Street		
City/State/Zip: New Britain, CT 06051		

By signing below Bidder affirms:

- Their bid complies with all requirements of this RFQ;
- This bid and the pricing structure contained herein will remain firm for a period of 180 days from the date and time of the bid opening;
- That no personnel currently employed by the Department or any other State agency participated, either directly or indirectly, in any activities relating to the preparation of the Bidder's proposal;
- That no attempt has been made or will be made by the Bidder to induce any other person or firm to submit or not to submit a proposal; and
- The undersigned is authorized to enter into contractual obligations on behalf of the above-named organization.

Name: Matthew Kearns	Title: School Bus Sales Manager
To have your bid accepted, this Appendix MUST have an actual wet signature or utilize DocuSign or Adobe Sign forms of electronic signature.	
Authorized Signature:  5DDCBB0E76124D2...	Date: 4/27/2023

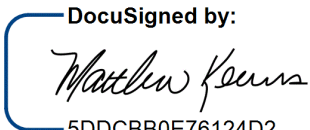
Debarment, Performance, and Non-Collusion Certification

By signing this document, I certify to the best of my knowledge and belief that the aforementioned organization, its principals, and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.
- b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:
 - i. fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state or local government transaction or contract.
 - ii. violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - iii. are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
 - iv. have not within a three (3) year period preceding this proposal had one or more federal, state or local government transactions terminated for cause or default.
- c. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.

- **Failure to provide this certification may result in the disqualification of the Bidder’s proposal, at the discretion of the Department.**

To the best of my knowledge all information provided in the enclosed proposal, both programmatic and financial, is complete and accurate at the time of submission.

Name: Matthew Kearns	Title: School Bus Sales Manager
To have your bid accepted, this Appendix MUST have an actual wet signature or utilize Docu Sign or Adobe Sign forms of electronic signature.	
Authorized Signature:  5DDCBB0E76124D2...	Date: 4/27/2023

Appendix D

**STATE OF MAINE
DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
DIVISION OF PROCUREMENT SERVICES**

**MUNICIPALITY POLITICAL SUBDIVISION and SCHOOL DISTRICT PARTICIPATION
CERTIFICATION**

**RFQ # 05A 230327-236
School Bus, All Fuel Types**

The Division of Procurement Services is committed to providing purchasing opportunities for **municipalities, political subdivisions and school districts** in Maine by allowing them access, through our vendors, to our contract pricing. A bidder's willingness to extend contract pricing to these entities will be taken into consideration in making awards.

Orders from Municipality, Political Subdivisions and School Districts (Appendix D): If the bidder elects to permit Municipality, Political Subdivisions and School Districts to utilize the resulting Master Agreement Contract, The State of Maine will not be responsible for any order placed by these groups. All orders will originate from these groups and they will be liable for all payments.

Will you accept orders from political subdivisions and school districts in Maine at the prices quoted?

Yes

Yes, with conditions as follows:

No

Name of Company:

DATTCO, Inc. d/b/a DeVivo Bus Sales

Address:

315 South St, New Britain, CT 06051

Signature:

DocuSigned by:
Matthew Keenan
5DDCBB0E76124D2

4/27/2023

Date:



CONFIG NUMBER CB230552
 CONFIG DESCR DH416-C212G 20P
 CONFIG REV DATE 4/26/2023
 ORDER QTY 1
 REQ DATE LATE 2024
 DIST NAME DATTCO
 DIST CONTACT MATT KEARNS
 CUST NAME MAINE STATE BID
 CUST SHIP STATE ME
 CHAS FIN/FAN PENDING

ITEM	QTY	DESCRIPTION
COL-20220801	1	PRICE SCHEDULE COL 08/01/2022
100-1-21-12	1	Spec, FMVSS "School Bus" >10,000# GVWR, driver plus 10 or more passengers (wheelchair positions counted as 4 passengers), may be used to transport students to or from school.
110-DH416-15	1	Core components, DRW high headroom model 4 section +16". Standard floor (with wheelwells), 76" interior headroom, 25"X78" entrance door, 96" overall width, all-galvanized-steel construction, 2014.
115-1416-00-20	1	Trim additions, Collins 4 section+16.
12323D6612Y320	1	Chassis Chev-US/2023/DRW 139 G3500/6.6L Gas/12300/Yellow/AC/Tilt/Cruise/Drivers Seat Standard/Belt/ALT.KW5/AM-FM/CAM/Standard Differential/Black Wheels/Black Bumper/No Fast Idle/No Block Heater/No Spare Tire/No Speed Governor/Standard Battery
200-111155-12	1	A/C 55K ACT, 2 fan, CS-2 skirt mount condenser, dash evaporator, EV20 in-wall evaporator, Chevy gas.
210-11-12-16	1	Battery tie-in for Chevy units. Two batteries held in a battery box. Gas units.
220-50-14	1	Battery tray hinged lid. Installed in existing battery box to provide a hinged cover over battery that can be opened when compartment is in open position. Lower surface is covered with non-conductive material. With positive hold-open latch. Required
230-200-15	1	Bumper 10" x 3/16 galvanized steel channel DRW, wrap around extending forward at least 12" with protecting end caps, for use with exhaust pipe routed under the bumper or to the side.
233-201-16	1	Bumper Brace to attach to frame side, DH 400/500 and DE/DH 416 models, all Gas and Diesel exhaust systems.
236-1110-16	1	Fuel system protection and preparation for Chevy gas chassis standard floor 139"WB
238-1-416-0-12	1	PARTS REQUIRED TO BUILD SPECIFIC BODY MODEL ON SPECIFIC CHASSIS BRAND (CHEVY STD 416)

240-03-12	1	Tow eyes rear only, installed on chassis frame
250-211-12	1	Door, entrance, black aluminum frame with full-length tempered AS2 glass for SH/DH units
260-2-12	1	Door entrance control, manual with positive over-center locking handle in both open and closed positions, for glass doors.
265-212-13	1	Rear egress door, RH (curbside) hinge, Steel construction, select glass rear door upper/lower separately.
270-01-12	1	Rear door hinge continuous stainless steel
280-10-13	1	Rear Door Latch single latch at center of door, with interior red handle and exterior web style non-hitching handle.
294-02-12	1	Core electrical items for all Chevy School buses including Elect. Board, switch panel, buzzer, domes, step lights, and main harness
300-51-12	1	Backup-alarm 112dBA that is activated upon placing the bus in reverse gear, wired through the ignition.
300-61-12	1	Circuit breakers provided instead of fuses. Breakers are manual-reset.
305-00000-20	1	Child alert system. None.
310-1130-10-20	1	Backup camera safety system with 7" mirror monitor. OEM GM <10K GVWR
320-400-113-12	1	Chevy 400/416 exhaust left exit gasoline
330-103-12	1	Endcaps fiberglass front and rear exterior for use with school bus warning lights on DH units
332-213-22	1	Exterior steel rear corner skins left and right, driprail and below emergency exit rear door for DH units
334-416-21-12	1	Exterior aluminum left and right roof skins for DRW 416 (4section+16) units
336-416-302-14	1	Exterior steel left and right side skins, behind and above driver skins for DH 416 (4section+16) units
338-1416-20-14	1	Skirts, steel below body panels for std floor DH416 with AC
339-112-21-14	1	Storage/Battery Box, steel skirt with additional steel compartment
340-02-12	1	Mud Flaps Rear DH
340-11-16	1	Fuel fill hinged door cover with non-locking latch, Painted Body Color
340-21-12	1	Stirrup step mounted on front bumper
350-416-21-1-12	1	Flooring black rubber, 1/8" smooth rubber under seats, 3/16" ribbed center aisle rubber 15" wide.
355-02-11-12	1	Flooring step treads, DRW standard and elevated floor models, black ribbed tread with integral white ribbed nosing.
360-416-21-12	1	Plywood subfloor for DH/E416 units, 1/2" thick
390-02-12	1	Add aluminum aisle trim to bus. Covers seam between under seat rubber and aisle rubber.
390-04-19	1	Cover tops and sides of interior wheel well with black elastomer trim cover, fits dual rear wheel wheelwells
400-21-12	1	Heater 60K floor mount for Chevy units placed IN RIGHT HAND REAR CORNER OF BUS, includes 2 shutoff valves, BLEEDER VALVE
420-416-10-14	1	Interior panels below window, embossed aluminum, standard floor 416 units.

422-031-15	1	Interior Panels Rear Wall DRW with Exit Door, with AC cutout.
430-416-100-13	1	Interior panels upper, smooth aluminum, Painted White for DRW 416 units.
440-01-12	1	Grabrail 42" long 1 1/4 dia. stainless, mounted left of entry on RH barrier, designed to prevent entanglement (Passes NHSTA string and nut test)
440-04-12	1	Mirror interior clear view back bonded glass, rounded corners and protected edges, 6 x 30 flat. Installed above drivers head on front bulkhead. Interior mirror providing the driver a clear view of interior and rear exit door.
440-07-12	1	Sun shield interior, adjustable, and transparent with finished edge, 6 X 30 Tinted.
445-01-20	1	Application of Permasafe protective product to the interior of the bus at factory. Initial application, customer must reapply per the manufactures recommendations.
450-01-12	1	Brake/tail lights LED with separate license plate light, (2) 4" flush mount
460-01-12	1	Brake/tail lights, 2- 7" Incandescent
470-01-12	1	Clearance lights LED type; row of three red lights on rear of bus and single reds on left & right rear, row of three amber lights on front of bus with single ambers on left and right front sides. Lights are low profile grommet mount.
472-01-12	1	Four domelights are powered through the ignition, will only function when ignition is turned on and dome light switch is on.
474-02-12	1	Drivers dome light on a separate switch. Ignition powered. It is not associated with OEM lighting.
480-03-12	1	Lamps, turn signal amber rear 7" incandescent
490-01-12	1	Lamps, backup white (2) 4" flush mount LED
494-01-12	1	Lights, stepwell lights are wired ignition hot and are illuminated whenever the DOD is opened.
510-02-12	1	Warning lights, four red & four amber halogen 7"
520-02-1-12	1	Warning light system, 8 light, non-sequential, wired through ignition, Master switch, Warning Start switch.
540-11-12	1	LED lights for endcap sign, turned on-off by switch, lettering not included. Use with 770-02-12 reflective sign.
555-03-12	1	Dimmer switch for electrical control box lighted switches.
565-12-1000-12	1	Manual Rearview and Crossview mirror system w/ black bracketry for GM DRW buses. ROSCO AccuStyle 8"x15" dual Rearview mirror incl. 7"x9.5" flat and 7"x4" convex mirror glass, with EyeMax LP Crossview mirrors.
580-03-202-12	1	Headknockers to comply with FMVSS 222; foam pads covered with gray fire block upholstery.
600-12-002-14	1	Paint body exterior yellow, Chevy DH/DE buses.
620-03-999-12	1	Paint front bumper gloss black (for drop shipped chassis improperly ordered)
620-32-13	1	Paint scheme with black borders around warning lights extending approximately 3 inches inboard of warning lights to vertical inner border. Endcap areas around black gelcoat regions are painted body color including center portion of front and rear caps.

640-06-12	2	Speakers, two 4" round w/wire routing to dash, in overhead wire covers, for use with OEM radio only
650-41620999-12	1	Rubrails, floor level side rubrails , 4.6" tall X 16 ga steel.-BLACK
652-41620999-12	1	Rubrails, seat level side rubrails that wrap around the rear of the bus to the emergency door. Rubrails are 4.6" tall and made of 16 ga steel.-BLK
654-00000000-12	1	RUBRAIL NONE AT WINDOW LEVEL
656-00000000-12	1	RUBRAIL NONE AT SKIRT LEVEL
660-12-12	1	Triangle warning reflectors (set of three).
660-15-12	1	Wheel chocks 7" X 8" X 10.25" non-skid rubber.
660-22-12	1	Fire extinguisher, 5 lb., 3A 40BC with 10" hose and nozzle,, may only be mounted near entrance door.
660-31-12	1	Seat belt cutter, loaded loose in driver compartment.
680-045-12	1	First aid kit 24 Unit for AL, AK, AZ, ID, KS, KY, ME, MD, MA, MN, MS, MO, MT, ND, OK, PA, SD, TN, UT, VT, WA
690-3-01-39-201	1	Barrier, 39" left hand high back with medium gray vinyl upholstery, leg at 27" position.
691-3-12	1	Barrier spacing LH to B-pillar, spacing provides energy absorption zone for 3 passengers per FMVSS222, must be selected when LH front seat accommodates 3 passengers.
700-3-01-39-201	1	Barrier, 39" right hand high back with medium gray vinyl upholstery, no welting, leg at 27" position.
701-0-12	1	Barrier spacing RH to stepwell, none.
710-3-01-39-201	2	Seat, 39" left hand, three passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
710-3-01-36-201	2	Seat, 36" left hand, two passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange and red belts. Leg at 27" position.
711-28-12	4	Seat spacing LH 28in hip/knee, maximum allowable to meet FMVSS 222 (school bus certification).
720-3-01-39-201	2	Seat, 39" right hand, three passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
720-3-01-36-202	2	Seat, 36" right hand, two passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange and red belts. Leg at 27" position.
721-28-12	4	Seat spacing RH 28in hip/knee, maximum allowable to meet FMVSS 222 (school bus certification).
730-01-14	7	Seat mounting hardware floor mount seats, required for each non-track-mount seat
760-22-002-12	1	Tape, reflective two inch yellow, outline sides/rear of DH/DE units
770-02-12	1	Endcap signage "SCHOOL BUS" decals 8" high black letters with 1" stroke on yellow reflective background, includes front and rear.
780-100-12	1	Signage, identification, "Collins"
790-02-XX-12	3	Decal "PASS CAPACITY" 2in black, front bulkhead
0	1	INSERT NOTE HERE

800-07-12	1	Exterior decal 2" tall "EMERGENCY DOOR" in black/arrow in black. Interior decal 2" tall "EMERGENCY DOOR" in black/arrow red. (WA Spec)
830-110-21	1	Crossing control arm with yellow polycarbonate blade, solid state electronics, Specialty 78600
840-05-12	1	Stop Arm 2 Lights High Int LED Strobe T6100-101-E21 - PLASTIC
860-04-12	1	Roof vent, static with non-closeable control grille.
925-01-12	1	Window Transition Chevy glass, AS2 tempered clear glass
950-113-12	1	Windows Rear Body with Rubber Mounted AS3 Tempered 32% Tinted Glass
960-13-12	1	Window Rear Door Lower Rubber Mounted AS3 Tempered 32% Tinted Glass
970-13-12	1	Window Rear Door Upper Rubber Mounted AS3 Tempered 32% Tinted Glass
980-213-12	8	Window Split Sash 36" with AS3 Tempered 26% Tinted Glass, providing an unobstructed 12 x 28 opening when upper sash is lowered.
982-2-100-2-12	1	Window Split Sash 36" RH and LH Vertical Egress Hinge, Release Handle, Buzzer, Interior/Exterior Signage, and Yellow Exterior Reflective Tape.
985-01-12	1	Undercoat body components except within 12" of the exhaust system, heat shields, or driveshaft.
986-03-14	1	Warranty, extended limited body, covers body shell, structure, seat structure for 5 YR/100K MI, manufacturer's components for 3 YR/36K MI, other components 3 YR/36K MI. Excludes corrosion due to road chemicals. See warranty policy for full details.
987-00-22	1	Reassignment Chassis, None
990-01-12	1	Exhaust pipe to be flush with bumper or side (+0.25"/-0.00"), otherwise exhaust pipe extends 1" to 1.5" from bumper or body

Unit File Name: \\shkfile1.revginc.net\BUS-SHK_OrderEnt\Quotes\Quotes2023\DATTCO\ME\STATE BID 2023-
Option file name: \\shkfile1.revginc.net\BUS-SHK_OrderEnt\BConfig\OptionDataV200\OptionData20220801.xls
Price schedule name: PRICE COL 20220801
Form EF-7.7.2 V6.0 generated on: 4/26/2023 by RMORRELL

Quotes valid for 30 days.

All express warranties are limited to Collins Bus Corporation's written specifications and printed literature. All implied warranties and consequential damages are excluded to the extent permitted by law. Collins Bus Corporation will undertake no contractual indemnification of any purchaser against claims, loss, expense or liability which arise out of the use of said company's products and accepts no contract terms which call for said indemnification.

To the extent that a purchaser specifies any component which is optional or other than that which would be standard, Collins Bus Corporation disclaims all implied warranties regarding said component. Unless notified in writing to the contrary within (10) days of order date shown, this acknowledgment and disclaimer will be deemed controlling as to contract terms.

Due to market volatility in producer material costs, Collins Bus Corporation reserves the right to adjust pricing on any order 60 days prior to scheduled production.
Any and all body material, OEM chassis, and freight cost increases from the original date of quote will be passed along to the dealer. These increases, if applicable, will be the sole responsibility of the dealer.

Collins Bus Corporation recommends dealers advise potential customers pricing may increase prior to production due to OEM inflationary actions.

Approval _____ **Date** _____



CONFIG NUMBER	CB230553
CONFIG DESCR	DH500-C312G 24P
CONFIG REV DATE	4/26/2023
ORDER QTY	1
REQ DATE LATE	2024
DIST NAME	DATTCO
DIST CONTACT	MATT KEARNS
CUST NAME	MAINE STATE BID
CUST SHIP STATE	ME
CHAS FIN/FAN	PENDING

ITEM	QTY	DESCRIPTION
COL-20220801	1	PRICE SCHEDULE COL 08/01/2022
100-1-21-12	1	Spec, FMVSS "School Bus" >10,000# GVWR, driver plus 10 or more passengers (wheelchair positions counted as 4 passengers), may be used to transport students to or from school.
110-DH500-15	1	Core components, DRW high headroom model 5 section. Standard floor (with wheelwells), 76" interior headroom, 25"X78" entrance door, 96" overall width, all-galvanized-steel construction, 2014.
115-1500-00-20	1	Trim additions, Collins 5 section.
12323F6612Y321	1	Chassis Chev-US/2023/DRW 159 G3500/6.6L Gas/12300/Yellow/AC/Tilt/Cruise/Drivers Seat Standard/Belt/ALT.KW5/AM-FM/Standard Differential/Black Wheels/Black Bumper/No Fast Idle/No Block Heater/No Spare Tire/No Speed Governor/Standard Battery
200-111155-12	1	A/C 55K ACT, 2 fan, CS-2 skirt mount condenser, dash evaporator, EV20 in-wall evaporator, Chevy gas.
210-11-12-16	1	Battery tie-in for Chevy units. Two batteries held in a battery box. Gas units.
220-50-14	1	Battery tray hinged lid. Installed in existing battery box to provide a hinged cover over batteries that can be opened when compartment is in open position. Lower surface is covered with non-conductive material. With positive hold-open latch. Required
230-200-15	1	Bumper 10" x 3/16 galvanized steel channel DRW, wrap around extending forward at least 12" with protecting end caps, for use with exhaust pipe routed under the bumper or to the side.
233-201-16	1	Bumper Brace to attach to frame side, DH 400/500 and DE/DH 416 models, all Gas and Diesel exhaust systems.
236-1110-16	1	Fuel system protection and preparation for Chevy gas chassis standard floor 139"WB
238-1-500-0-12	1	PARTS REQUIRED TO BUILD SPECIFIC BODY MODEL ON SPECIFIC CHASSIS BRAND (CHEVY STD 500)
240-03-12	1	Tow eyes rear only, installed on chassis frame

250-211-12	1	Door, entrance, black aluminum frame with full-length tempered AS2 glass for SH/DH units
260-2-12	1	Door entrance control, manual with positive over-center locking handle in both open and closed positions, for glass doors.
265-212-13	1	Rear egress door, RH (curbside) hinge, Steel construction, select glass rear door upper/lower separately.
270-01-12	1	Rear door hinge continuous stainless steel
280-10-13	1	Rear Door Latch single latch at center of door, with interior red handle and exterior web style non-hitching handle.
294-02-12	1	Core electrical items for all Chevy School buses including Elect. Board, switch panel, buzzer, domes, step lights, and main harness
300-51-12	1	Backup-alarm 112dBA that is activated upon placing the bus in reverse gear, wired through the ignition.
300-61-12	1	Circuit breakers provided instead of fuses. Breakers are manual-reset.
305-00000-20	1	Child alert system. None.
310-0000-20	1	Backup camera None
320-500-113-12	1	Chevy 500/516 exhaust left exit gasoline
330-103-12	1	Endcaps fiberglass front and rear exterior for use with school bus warning lights on DH units
332-213-22	1	Exterior steel rear corner skins left and right, driprail and below emergency exit rear door for DH units
334-500-21-12	1	Exterior aluminum left and right roof skins for DRW 500 (5section) units
336-500-302-14	1	Exterior steel left and right side skins, behind and above driver skins for DH 500 (5section) units
338-1500-20-14	1	Skirts, steel below body panels for std floor DH500 with AC
339-122-21-14	1	Storage/Battery Box, steel skirt with additional steel compartment
340-02-12	1	Mud Flaps Rear DH
340-11-16	1	Fuel fill hinged door cover with non-locking latch, Painted Body Color
350-500-21-1-12	1	Flooring black rubber, 1/8" smooth rubber under seats, 3/16" ribbed center aisle rubber 15" wide.
355-02-11-12	1	Flooring step treads, DRW standard and elevated floor models, black ribbed tread with integral white ribbed nosing.
360-500-21-12	1	Plywood subfloor for DH/E500 units, 1/2" thick
390-02-12	1	Add aluminum aisle trim to bus. Covers seam between under seat rubber and aisle rubber.
390-04-19	1	Cover tops and sides of interior wheel well with black elastomer trim cover, fits dual rear wheel wheelwells
400-21-12	1	Heater 60K floor mount for Chevy units placed IN RIGHT HAND REAR CORNER OF BUS, includes 2 shutoff valves, BLEEDER VALVE
420-500-10-14	1	Interior panels below window, embossed aluminum, standard floor 500 units.
422-031-15	1	Interior Panels Rear Wall DRW with Exit Door, with AC cutout.
430-500-100-13	1	Interior panels upper, smooth aluminum painted white for DRW 500 units.

440-01-12	1	Grabrail 42" long 1 1/4 dia. stainless, mounted left of entry on RH barrier, designed to prevent entanglement (Passes NHSTA string and nut test)
440-04-12	1	Mirror interior clear view back bonded glass, rounded corners and protected edges, 6 x 30 flat. Installed above drivers head on front bulkhead. Interior mirror providing the driver a clear view of interior and rear exit door.
440-07-12	1	Sun shield interior, adjustable, and transparent with finished edge, 6 X 30 Tinted.
445-01-20	1	Application of Permasafe protective product to the interior of the bus at factory. Initial application, customer must reapply per the manufactures recommendations.
450-01-12	1	Brake/tail lights LED with separate license plate light, (2) 4" flush mount
460-01-12	1	Brake/tail lights, 2- 7" Incandescent
470-01-12	1	Clearance lights LED type; row of three red lights on rear of bus and single reds on left & right rear, row of three amber lights on front of bus with single ambers on left and right front sides. Lights are low profile grommet mount.
472-01-12	1	Four domelights are powered through the ignition, will only function when ignition is turned on and dome light switch is on.
474-02-12	1	Drivers dome light on a separate switch. Ignition powered. It is not associated with OEM lighting.
480-03-12	1	Lamps, turn signal amber rear 7" incandescent
490-01-12	1	Lamps, backup white (2) 4" flush mount LED
494-01-12	1	Lights, stepwell lights are wired ignition hot and are illuminated whenever the DOD is opened.
510-02-12	1	Warning lights, four red & four amber halogen 7"
520-02-1-12	1	Warning light system, 8 light, non-sequential, wired through ignition, Master switch, Warning Start switch.
540-11-12	1	LED lights for endcap sign, turned on-off by switch, lettering not included. Use with 770-02-12 reflective sign.
555-03-12	1	Dimmer switch for electrical control box lighted switches.
565-12-1000-12	1	Manual Rearview and Crossview mirror system w/ black bracketry for GM DRW buses. ROSCO AccuStyle 8"x15" dual Rearview mirror incl. 7"x9.5" flat and 7"x4" convex mirror glass, with EyeMax LP Crossview mirrors.
580-03-202-12	1	Headknockers to comply with FMVSS 222; foam pads covered with gray fire block upholstery.
600-12-002-14	1	Paint body exterior yellow, Chevy DH/DE buses.
620-03-999-12	1	Paint front bumper gloss black (for drop shipped chassis improperly ordered)
620-32-13	1	Paint scheme with black borders around warning lights extending approximately 3 inches inboard of warning lights to vertical inner border. Endcap areas around black gelcoat regions are painted body color including center portion of front and rear caps.
640-06-12	2	Speakers, two 4" round w/wire routing to dash, in overhead wire covers, for use with OEM radio only
650-50020999-12	1	Rubrils, floor level side rubrails , 4.6" tall X 16 ga steel.- BLACK

652-50020999-12	1	Rubrails, seat level side rubrails that wrap around the rear of the bus to the emergency door, 4.6" tall X 16 ga steel.-BLK
654-00000000-12	1	RUBRAIL NONE AT WINDOW LEVEL
656-00000000-12	1	RUBRAIL NONE AT SKIRT LEVEL
660-12-12	1	Triangle warning reflectors (set of three).
660-15-12	1	Wheel chocks 7" X 8" X 10.25" non-skid rubber.
660-22-12	1	Fire extinguisher, 5 lb., 3A 40BC with 10" hose and nozzle,, may only be mounted near entrance door.
660-31-12	1	Seat belt cutter, loaded loose in driver compartment.
680-045-12	1	First aid kit 24 Unit for AL, AK, AZ, ID, KS, KY, ME, MD, MA, MN, MS, MO, MT, ND, OK, PA, SD, TN, UT, VT, WA
690-3-01-39-201	1	Barrier, 39" left hand high back with medium gray vinyl upholstery, leg at 27" position.
691-3-12	1	Barrier spacing LH to B-pillar, spacing provides energy absorption zone for 3 passengers per FMVSS222, must be selected when LH front seat accommodates 3 passengers.
700-3-01-39-201	1	Barrier, 39" right hand high back with medium gray vinyl upholstery, no welting, leg at 27" position.
701-0-12	1	Barrier spacing RH to stepwell, none.
710-3-01-39-201	2	Seat, 39" left hand, three passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
710-3-01-36-201	3	Seat, 36" left hand, two passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange and red belts. Leg at 27" position.
711-28-12	5	Seat spacing LH 28in hip/knee, maximum allowable to meet FMVSS 222 (school bus certification).
720-3-01-39-201	2	Seat, 39" right hand, three passenger with lap belts, with medium gray vinyl upholstery, no welting. Orange, gray, and red belts. Leg at 27" position.
720-3-01-36-202	3	Seat, 36" right hand, two passenger with lap belts, with medium gray fireblock vinyl upholstery, no welting. Orange and red belts. Leg at 27" position.
721-28-12	5	Seat spacing RH 28in hip/knee, maximum allowable to meet FMVSS 222 (school bus certification).
730-01-14	10	Seat mounting hardware floor mount seats, required for each non-track-mount seat
760-22-002-12	1	Tape, reflective two inch yellow, outline sides/rear of DH/DE units
770-02-12	1	Endcap signage "SCHOOL BUS" decals 8" high black letters with 1" stroke on yellow reflective background, includes front and rear.
780-100-12	1	Signage, identification, "Collins"
790-02-XX-12	3	Decal "PASS CAPACITY" 2in black, front bulkhead
0	1	INSERT NOTE HERE
800-07-12	1	Exterior decal 2" tall "EMERGENCY DOOR" in black/arrow in black. Interior decal 2" tall "EMERGENCY DOOR" in black/arrow red. (WA Spec)
830-110-21	1	Crossing control arm with yellow polycarbonate blade, solid state electronics, Specialty 78600
840-05-12	1	Stop Arm 2 Lights High Int LED Strobe T6100-101-E21 - PLASTIC

860-04-12	1	Roof vent, static with non-closeable control grille.
925-01-12	1	Window Transition Chevy glass, AS2 tempered clear glass
950-113-12	1	Windows Rear Body with Rubber Mounted AS3 Tempered 32% Tinted Glass
960-13-12	1	Window Rear Door Lower Rubber Mounted AS3 Tempered 32% Tinted Glass
970-13-12	1	Window Rear Door Upper Rubber Mounted AS3 Tempered 32% Tinted Glass
980-213-12	10	Window Split Sash 36" with AS3 Tempered 26% Tinted Glass, providing an unobstructed 12 x 28 opening when upper sash is lowered.
982-2-100-2-12	1	Window Split Sash 36" RH and LH Vertical Egress Hinge, Release Handle, Buzzer, Interior/Exterior Signage, and Yellow Exterior Reflective Tape.
985-01-12	1	Undercoat body components except within 12" of the exhaust system, heat shields, or driveshaft.
986-03-14	1	Warranty, extended limited body, covers body shell, structure, seat structure for 5 YR/100K MI, manufacturer's components for 3 YR/36K MI, other components 3 YR/36K MI. Excludes corrosion due to road chemicals. See warranty policy for full details.
987-00-22	1	Reassignment Chassis, None
990-01-12	1	Exhaust pipe to be flush with bumper or side (+0.25"/-0.00"), otherwise exhaust pipe extends 1" to 1.5" from bumper or body

Unit File Name: \\shkfile1.revginc.net\BUS-SHK_OrderEnt\Quotes\Quotes2023\DATTCO\ME\STATE BID 2023-
Option file name: \\shkfile1.revginc.net\BUS-SHK_OrderEnt\BConfig\OptionDataV200\OptionData20220801.xls
Price schedule name: PRICE COL 20220801
Form EF-7.7.2 V6.0 generated on: 4/26/2023 by RMORRELL

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Collins Bus Corporation recommends dealers advise potential customers pricing may increase prior to production due to OEM inflationary actions.

Approval _____ **Date** _____



CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 29000. Calc. GVWR: 29800 Calc. Start / Grade Ability: 19.80% / 1.51% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 158.00, CA: N/A, Axle to Frame: 95.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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: 5.29
TIRE, FRONT:	(2) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 158.00 Wheelbase, N/A CA, and 95.00 Axle to Frame.

BODY PLANS

47AJU	BODY, BUS Conventional; 78" Headroom, 19'2" Body Length, 36 Passenger, +9 Section Rear, 158" WB
OBD002	BODY PLAN, NON-SPECIAL NEEDS DATCO-CUSTOM BP
49001	BODY PLAN, APPROVED VARIATION Number 001

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code **Description**

REAR AXLES, SUSPENSIONS

14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)

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
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Includes

: SPRING PINS Rubber Bushings, Maintenance-Free

CABS, COWLS, BODIES

16010	COWL Flat Back
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

FRAMES

1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted <u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper

Vehicle Specifications
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Code	Description
1SAL	CROSSMEMBER, REAR, AF (1)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
1WHS	WHEELBASE RANGE 158" (400cm) Through and Including 169" (430cm)

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
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
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Code	Description
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AVI160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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

10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
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Vehicle Specifications
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Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
47APX	FASTENERS, HEADLINER Screws
47AZL	FLOOR, BODY with Wheel Wells
47PBZ	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Body Color
47APP	HEADLINER, BODY Conventional; 16'02"-25'02" Body Length, Perforated Full Length with Sound Insulation Full Length
47ARP	LIGHT BARS Plastic
47BBH	LINING, SIDE INTERIOR, LOWER Embossed Steel, Clear Coated
47AXN	RUB RAILS, BODY (4) Conventional; Steel, 19'2", 19'11", 20'8", 21'5" Body Length, Includes Snow Rail

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
	<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
47AZA	SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 19'2", 19'11", 20'8", 21'5", Body Length
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
47BDJ	COMPARTMENT, DRIVER STORAGE Bin, Sized to Hold Three Ring Binder, Includes (1) USB-A Port and (1) USB-C Port
47EPS	COMPARTMENT, LUGGAGE, LT MID 36"x 24" x 22"
	<u>Includes</u> : HINGES Rubber : LATCH, T-HANDLE, LOCKING Stainless Steel
47EBM	HOLD DOWN, BATTERY For (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
47LAN	NOISE REDUCTION, ROOF BOW Conventional; Insulation, 19'2", 19'11", 20'8", 21'5" Body Lengths
47MBA	UNDERCOAT, BODY Fire Resistant, Water Based, TT-C-730 Spec
	<u>Includes</u> : UNDERCOATING Performed Before and After Mounting on Chassis
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
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

Vehicle Specifications
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Code	Description
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBM	SUB FLOOR, PLYWOOD Conventional; B-C Exterior Grade, Less Sealed Edges, 5/8", 5 Ply, for 19'2", 19'11", 20'8" or 21'5" 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

Vehicle Specifications
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Code	Description
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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u> : AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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

Vehicle Specifications
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Code	Description
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SDN	SEAT,39",WALL,LT (06)
48SKG	SEAT,39",WALL,RT (06)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48BEJ	SHOULDER RAILS, PADDED Conventional Bus; with 19'2", 19'11", 20'8" or 21'5" Body Length
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center in Ceiling, with Separate Switch
49JED	LIGHTS, MARKER, FRONT & REAR LED, Flush Mount, Amber Front and Red Rear

Vehicle Specifications
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Code	Description
49ZNN	LIGHTS, MARKER, SIDE, INTERMED LED, Amber, Flush Mount, Intermediate, Centered, Required for Units 30 Foot or Longer
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
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
49GKZ	FUEL FILLER DOOR with Non-Locking Latch
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

Vehicle Specifications
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April 24, 2023

<u>Code</u>	<u>Description</u>
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 29000. Calc. GVWR: 29800 Calc. Start / Grade Ability: 19.80% / 1.51% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 193.00, CA: N/A, Axle to Frame: 114.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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: 5.29
TIRE, FRONT:	(2) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 193.00 Wheelbase, N/A CA, and 114.00 Axle to Frame.

BODY PLANS

47AEN	BODY, BUS Conventional; 78" Headroom, 23'8" Body Length, +9 Section Rear, 48 Passenger, 193 WB
OBD002	BODY PLAN, NON-SPECIAL NEEDS DATCO-CUSTOM BP
49001	BODY PLAN, APPROVED VARIATION Number 001

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code **Description**

REAR AXLES, SUSPENSIONS

14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)

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
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Includes

: SPRING PINS Rubber Bushings, Maintenance-Free

CABS, COWLS, BODIES

16010	COWL Flat Back
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

FRAMES

1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted <u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper

Vehicle Specifications
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Code	Description
1SAL	CROSSMEMBER, REAR, AF (1)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
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
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
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Code	Description
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AVI160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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

10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
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Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
47APX	FASTENERS, HEADLINER Screws
47AZL	FLOOR, BODY with Wheel Wells
47PBZ	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Body Color
47APP	HEADLINER, BODY Conventional; 16'02"-25'02" Body Length, Perforated Full Length with Sound Insulation Full Length
47ARP	LIGHT BARS Plastic
47BBH	LINING, SIDE INTERIOR, LOWER Embossed Steel, Clear Coated
47AXP	RUB RAILS, BODY (4) Conventional; Steel, 22'2", 22'11", 23'8", 24'5" Body Length, Includes Snow Rail

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
	<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
47AZB	SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 22'2", 22'11", 23'8", 24'5", Body Length
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
47BDJ	COMPARTMENT, DRIVER STORAGE Bin, Sized to Hold Three Ring Binder, Includes (1) USB-A Port and (1) USB-C Port
47ESG	COMPARTMENT, LUGGAGE, LT MID 54"x 24" x 22"
	<u>Includes</u> : HINGES Rubber : LATCH, T-HANDLE, LOCKING Stainless Steel
47ERP	COMPARTMENT, LUGGAGE, RT MID 44" X 24" X 22"
	<u>Includes</u> : HINGES Rubber : LATCH, T-HANDLE, LOCKING Stainless Steel
47EBM	HOLD DOWN, BATTERY For (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
47LAP	NOISE REDUCTION, ROOF BOW Conventional; Insulation, 22'2", 22'11", 23'8", 24'5" Body Lengths
47MBA	UNDERCOAT, BODY Fire Resistant, Water Based, TT-C-730 Spec
	<u>Includes</u> : UNDERCOATING Performed Before and After Mounting on Chassis
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
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
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBN	SUB FLOOR, PLYWOOD Conventional; B-C Exterior Grade, Less Sealed Edges, 5/8", 5 Ply, for 22'2", 22'11", 23'8" or 24'5" 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

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<u>Code</u>	<u>Description</u>
	<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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u> : AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 42 oz.

Vehicle Specifications
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Code	Description
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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SDS	SEAT, 39", WALL, LT (09)
48SKK	SEAT, 39", WALL, RT (09)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48BEK	SHOULDER RAILS, PADDED Conventional Bus; with 22'2", 22'11", 23'8" or 24'5" Body Length
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths

Vehicle Specifications
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<u>Code</u>	<u>Description</u>
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center 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
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
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
49GKZ	FUEL FILLER DOOR with Non-Locking Latch

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
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
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 29000. Calc. GVWR: 29800 Calc. Start / Grade Ability: 19.80% / 1.51% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 217.00, CA: N/A, Axle to Frame: 126.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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: 5.29
TIRE, FRONT:	(2) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
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, 54 Passenger, 217/218 WB
OBD002	BODY PLAN, NON-SPECIAL NEEDS DATCO-CUSTOM BP
49001	BODY PLAN, APPROVED VARIATION Number 001

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
REAR AXLES, SUSPENSIONS	
14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)
FRONT AXLES	
2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
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
CABS, COWLS, BODIES	
16010	COWL Flat Back
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band
FRAMES	
1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted
	<u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
1SAM	CROSSMEMBER, REAR, AF (2)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
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
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AVI160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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

10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
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
47AXR	RUB RAILS, BODY (4) Conventional; Steel, 25'2", 25'11", 26'8", 27'5" Body Length, Includes Snow Rail

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
	<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
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
47BDJ	COMPARTMENT, DRIVER STORAGE Bin, Sized to Hold Three Ring Binder, Includes (1) USB-A Port and (1) USB-C Port
47EUS	COMPARTMENT, LUGGAGE, LT MID 87" x 24" x 22"
	<u>Includes</u> : HINGES Rubber : LATCH, T-HANDLE, LOCKING Stainless Steel
47EBM	HOLD DOWN, BATTERY For (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBP	SUB FLOOR, PLYWOOD Conventional; B-C Exterior 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u> : AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SDS	SEAT,39",WALL,LT (09)
48SKK	SEAT,39",WALL,RT (09)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48BEL	SHOULDER RAILS, PADDED Conventional Bus; with 25'2", 25'11", 26'8" or 27'5" Body Length
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center in Ceiling, with Separate Switch
49JED	LIGHTS, MARKER, FRONT & REAR LED, Flush Mount, Amber Front and Red Rear

Vehicle Specifications
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Code	Description
49ZNN	LIGHTS, MARKER, SIDE, INTERMED LED, Amber, Flush Mount, Intermediate, Centered, Required for Units 30 Foot or Longer
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
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
49GKZ	FUEL FILLER DOOR with Non-Locking Latch
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 29000. Calc. GVWR: 29800 Calc. Start / Grade Ability: 19.80% / 1.51% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 166.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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: 5.29
TIRE, FRONT:	(2) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
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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Code	Description
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, 78 Passenger, 276 WB <u>Includes</u> : NOTE: Body Mandates Overall Vehicle Length of Greater than 40 Feet
50ZAU	BODY PLAN, NON-SPECIAL NEEDS for CE, 34' 11" Body Length, +9 Section Rear, 78 Passenger, 276" WB, DM0031A000

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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

REAR AXLES, SUSPENSIONS

14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)

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
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

FRAMES

1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
	<u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper
1SAM	CROSSMEMBER, REAR, AF (2)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
1WJE	WHEELBASE RANGE 276" (700cm) Only

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
EXHAUST SYSTEMS	
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AVI160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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	

Vehicle Specifications
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Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
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
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
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 (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
47AJB	BODY CERTIFICATION TAG Mylar Label
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
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBS	SUB FLOOR, PLYWOOD Conventional; B-C Exterior 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u> : AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite

Vehicle Specifications
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Code	Description
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SDW	SEAT,39",WALL,LT (13)
48SKP	SEAT,39",WALL,RT (13)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48BEN	SHOULDER RAILS, PADDED Conventional Bus; with 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center 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
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49JGE	CUTTER, SEAT BELT, LOCATION Mounted on Panel Left of Driver

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
49JAC	DEF FILLER DOOR with Non-Locking Latch
49GKZ	FUEL FILLER DOOR with Non-Locking Latch
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
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 18.44% / 1.38% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 176.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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 R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
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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Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 276.00 Wheelbase, N/A CA, and 176.00 Axle to Frame.

BODY PLANS

47AVL	BODY, BUS Conventional; 78" Headroom, 35'8" Body Length, +9 Section Front and Rear, 83 Passenger, 276 WB
OBD002	BODY PLAN, NON-SPECIAL NEEDS DATCO-CUSTOM BP

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
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ENGINE

12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler Includes : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On Includes : 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
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

TRANSMISSION

13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
REAR AXLES, SUSPENSIONS	
14AKC	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)
FRONT AXLES	
2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
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
CABS, COWLS, BODIES	
16010	COWL Flat Back
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band
FRAMES	
1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted <u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
1SAM	CROSSMEMBER, REAR, AF (2)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
1WJE	WHEELBASE RANGE 276" (700cm) Only

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AVI160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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

10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
	<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
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
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 (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
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
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBS	SUB FLOOR, PLYWOOD Conventional; B-C Exterior 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>

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u>
	: AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u>
	: SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 42 oz.

Vehicle Specifications
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Code	Description
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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SDW	SEAT, 39", WALL, LT (13)
48SKR	SEAT, 39", WALL, RT (14)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48BEN	SHOULDER RAILS, PADDED Conventional Bus; with 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door

Vehicle Specifications
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Code	Description
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center 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
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
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
49GKZ	FUEL FILLER DOOR with Non-Locking Latch

Vehicle Specifications
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Code	Description
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
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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CE SCHOOL BUS

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:
State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:
DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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: 18.44% / 1.38% @ 55 MPH Calc. Geared Speed: 79.5 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 176.00
ENGINE, DIESEL:	{Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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 R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	21,000-lb Capacity, Vari-Rate Springs
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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Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 276.00 Wheelbase, N/A CA, and 176.00 Axle to Frame.
BODY PLANS	
47AVL	BODY, BUS Conventional; 78" Headroom, 35'8" Body Length, +9 Section Front and Rear, 83 Passenger, 276 WB
50ZBU	BODY PLAN, NON-SPECIAL NEEDS for CE, 35' 08" Body Length, 83 Passenger, 276" WB, DM0053A000
AXLE CONFIGURATION	
1ANA	AXLE CONFIGURATION {Navistar} 4x2
ENGINE	
12ERN	ENGINE, DIESEL {Cummins B6.7 200} EPA 2021, 200HP @ 2400 RPM, 520 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 200 Peak HP (Max), School Bus Only
12WZX	CARB EMISSION WARR COMPLIANCE for Cummins B6.7 Engines
12WZD	CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations
12VJG	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2023
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler Includes : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On Includes : 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
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic
TRANSMISSION	
13BBN	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 5-Speed with 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
13WVS	TRANSMISSION SHIFT CONTROL T-Handle
CLUTCH	
11001	CLUTCH Omit Item (Clutch & Control)

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
REAR AXLES, SUSPENSIONS	
14AKC	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.29
14SBV	SUSPENSION, REAR, SINGLE 21,000-lb Capacity, Vari-Rate Springs
14WAP	SHOCK ABSORBERS, REAR (2)
FRONT AXLES	
2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
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
CABS, COWLS, BODIES	
16010	COWL Flat Back
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GED	GAUGE CLUSTER Base 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
16XJN	INSTRUMENT PANEL Flat Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band
FRAMES	
1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted <u>Includes</u> : CONTROL ASSEMBLY Solid State, Located Rear of Front Bumper, Heater not Required : CROSSING GATE, FRONT Matches Contour of Bumper

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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Code	Description
1SAM	CROSSMEMBER, REAR, AF (2)
1570	TOW HOOK, FRONT (2) Frame Mounted
1572	TOW HOOK, REAR (2)
1WJE	WHEELBASE RANGE 276" (700cm) Only

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 Sqli
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqli Spring Brake
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WEA	PARKING BRAKE INTERLOCK Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} 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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
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
8GXH	ALTERNATOR {Leece-Neville AV1160P2007} Brush Type, 12 Volt, 210 Amp Capacity, Pad Mount
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
8MJP	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1320CCA Total, Top Threaded Stud
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
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

10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
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Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
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
7382135503	(2) TIRE, FRONT 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7382135503	(4) TIRE, REAR 11R22.5 Load Range H R89 ALL POSITION (PIRELLI), 501 rev/mile, 75 MPH, All-Position

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
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

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

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<u>Code</u>	<u>Description</u>
	<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
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
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
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 (2) Standard Size Batteries
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAB	NOISE REDUCTION, DRIVER FLOOR Insulation Covering Complete Driver Floor Area
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
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
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
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 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
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
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBS	SUB FLOOR, PLYWOOD Conventional; B-C Exterior 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>

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
	<u>Includes</u>
	: AIR FILTER
48CYA	HEATER, STEPWELL with Fixed Angle Louver to Door Glass
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
48UZH	SEAT, DRIVER {National 2000} Static, Mechanical Height Adjust, High Back, with Mechanical Lumbar
	<u>Includes</u>
	: SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48UXN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Graphite
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 42 oz.

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

Code	Description
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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
OBD001	SHIELD, COURTESY, AFT/DRIVER OMIT
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48SAD	SEAT, 26", WALL, LT (01)
48SDW	SEAT, 39", WALL, LT (13)
48SKR	SEAT, 39", WALL, RT (14)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48PGP	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 52 oz.; for (25-26) Seats
48RLX	CUSHION, SEAT 15" Depth
48BEN	SHOULDER RAILS, PADDED Conventional Bus; with 31'2", 31'11", 32'8", 33'5", 34'2", 34'11", 35'8" Body Lengths
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49AMV	ALARM, BACKING {Ecco #850} 112 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
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
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
49ABB	LIGHTS, BACK UP (2) 7" Diameter, Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49ACU	LIGHTS, DIRECTIONAL, REAR (2) 7" Amber, without Arrow

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
49ADA	LIGHTS, DIRECTIONAL, SIDE (2) {Weldon} Armor Type, Amber, One Each Side First Section Behind Entrance Door
49JER	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 34'02", 34'11", 35'08" Body Lengths
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center 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
49AEU	LIGHTS, STOP (2) and Tail, 7" dia., Red
49ADC	LIGHTS, WARNING (8) Quartz Halogen Beams, 7", 2 Front, 2 Rear, Red and Amber Lights
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EKR	STOP ARM, FRONT Electric, Metal Blade, 18" Octagon, Double Sided, 1/2" White Border, Engineering Grade, Flashing Red Incandescent Lights
49APH	SWITCH, DOME LIGHTS, SPLIT Front and Rear Operated with Separate 2 Position Switch, Quantity of Lights Split Equally
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated <u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49JGE	CUTTER, SEAT BELT, LOCATION Mounted on Panel Left of Driver

Vehicle Specifications
2025 CE SCHOOL BUS (PB110)

April 24, 2023

<u>Code</u>	<u>Description</u>
49JAC	DEF FILLER DOOR with Non-Locking Latch
49GKZ	FUEL FILLER DOOR with Non-Locking Latch
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
49GVG	MUD FLAPS, REAR WHEELS (1) Rubber, Full Width
49UAX	STATE OF OPERATION Maine

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40NSG	CARB COMPANION PLAN {Navistar} for CARB B6.7 and L9 Engines
40PLB	SRV CONTRACT, EXT VEH COVERAGE {Navistar} To 36-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
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Electric CE S Bus

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:

State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:

DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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 Electric CE S Bus (PB10E)

APPLICATION:	School Transportation
MISSION:	Requested GVWR: 33000. Calc. GVWR: 32280 Calc. Start / Grade Ability: 17.91% / 3.13% @ 55 MPH Calc. Geared Speed: 70.9 MPH
DIMENSION:	Wheelbase: 217.00, CA: N/A, Axle to Frame: 126.00
MOTOR, ELECTRIC, DRIVETRAIN:	{Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
AXLE, FRONT NON-DRIVING:	{Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer 21060SH R/O} Single Reduction, Pinion Up, 21,000-lb Capacity, R Wheel Ends Gear Ratio: 5.57
TIRE, FRONT:	(2) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
PB10E00	Base Chassis, Model Electric CE S 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, 54 Passenger, 217/218 WB
OBD005	BODY PLAN, NON-SPECIAL NEEDS DATCO-978

ENGINE

12AAB	MOTOR, ELECTRIC, DRIVETRAIN {Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
12XCJ	RADIATOR Aluminum, 2-Row, Cross Flow, Four 12" E-Fan System, 595 SqIn Louvered, for Electric Vehicle
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic

REAR AXLES, SUSPENSIONS

14AKT	AXLE, REAR, SINGLE {Dana Spicer 21060SH R/O} Single Reduction, Pinion Up, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.57
14TBT	SUSPENSION, REAR, AIR, SINGLE {International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

FRONT AXLES

2ASC	AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
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FRONT SUSPENSIONS

3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers
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CABS, COWLS, BODIES

16010	COWL Flat Back
16HCV	GAUGE CLUSTER English with English Electronic Speedometer, for Electric Vehicle

FRAMES

1CGL	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 480.1" (12195mm) Maximum OAL
1LTV	BUMPER, FRONT Contoured, Steel, Heavy Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted
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

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XCJ	BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity
4XDW	BRAKE CHAMBERS, FRONT AXLE 18 Sqn, for Air Disc Brakes
4WJJ	DUST SHIELDS, FRONT BRAKE Rotor, with Air Disc Brakes
4XCK	BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle
4XEA	BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes
4WJL	DUST SHIELDS, REAR BRAKE Rotor, with Air Disc Brakes
4SPS	AIR COMPRESSOR {Quanxing} 10.6 CFM, for Electric Vehicle
4EBT	AIR DRYER {Bendix AD-IP} with Heater
4VLN	AIR TANK LOCATION (2) Mounted Outside Right Rail, Side by Side, Back of Stepwell, for Electric Vehicle

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} Power
5710	STEERING COLUMN Tilting and Telescoping
5CAL	STEERING WHEEL 2-Spoke, 18" Dia., Black

DRIVELINES

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

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
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
8TLC	BATTERY PACK High Voltage, 210 kWh Total Capacity
8MVY	BATTERY SYSTEM {Energys Odyssey 31-PC2150 AGM} Maintenance-Free, (2) AGM 12-Volt 2300CCA Total, Top Threaded Stud
8WUH	CHARGING PORT Forward Location, with Spring Loaded Door, for Electric Vehicle
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
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
8VBD	HORN, ELECTRIC (2) Trumpet Style, Mounted Above Right Frame Rail
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WUC	POWER CONVERTER HV (High Voltage) Battery to 12V Battery, with Dual Converters, for Electric Vehicle
8XNX	SOUND GENERATOR for Electric Vehicle

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
FRONT END	
9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical
SPEEDOMETER, TOOLS, MISC	
10AGC	COMMUNICATIONS MODULE Telematics Device; Includes Five Year Data Plan and International 360
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10788	PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
10WLM	SPECIAL ROUTING CONTROL WIFI to CBC for Kajeet Wi-Fi Installation; Contact CBC for Quote/Pricing
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
7382135443	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 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
7752525809	(4) TIRE, REAR 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
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
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
47AXR	RUB RAILS, BODY (4) Conventional; Steel, 25'2", 25'11", 26'8", 27'5" Body Length, Includes Snow Rail
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
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

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

<u>Code</u>	<u>Description</u>
47DAJ	COVER, REAR DOOR INSIDE HANDLE Partial Coverage
47DNB	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Split Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
47EBM	HOLD DOWN, BATTERY For (2) Standard Size 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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers
47BDG	DECAL, BUMPERS for Electric Vehicle, Front and Rear
47MJR	LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside
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
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 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
47NAB	PAINT COLOR, RUB RAILS 0001 Canyon Black
47NJM	PAINT FLASHER BACKGRD 0001 Canyon Black
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
OBD006	PAINT HOOD TOP MATCH BODY COLOR
47NKL	PAINT, RUB RAIL Flange to Flange
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
47SBP	SUB FLOOR, PLYWOOD Conventional; B-C Exterior Grade, Less Sealed Edges, 5/8", 5 Ply, for 25'2", 25'11", 26'8" or 27'5" Body Lengths
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
47DNU	SWITCH, LOCATION Redundant Right Side Door Controls; Steering Wheel and Left of Driver; Includes Master Flasher Switch, Flasher On/Off Control, and Red Override Control

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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APP	WINDOW, STOPS 9" Opening
48PAZ	WINDSHIELD 3 Flat Pieces, 73% Light
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48GHC	HEATER, DRIVER 90,000 BTU, with Defroster and without Rear Heat Duct
48PMD	HEATER, PASS, LT MIDSHIP 1ST 84,500 BTU
48PMJ	HEATER, PASS, LT REAR 84,500 BTU
48PMS	HEATER, STEPWELL 50,000 BTU

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

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Code	Description
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
48PTT	ARM REST, DRIVER, RIGHT {National}
48NAT	FITTINGS, AIR SEAT for Driver Seat
48PUT	NUTS, BELT MOUNTING Standard Nuts For Seat Belt Mounting
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
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48PVN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Gray
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48RTK	SEAT,39",TRK & WALL,LT (2)
48RUL	SEAT,39",TRK,LT (6)
48RZZ	SEAT,39",TRK,RT (8)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49JAL	TRACK, COVER
49JAK	TRACK, FLOOR LENGTHS 651"-700", Less Shoulder Track
49JBG	TRACK, TYPE (BRAND) {OMNI L Track}
49AMV	ALARM, BACKING {Ecco #850} 112 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

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
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
49JBV	LIGHT, LICENSE PLATE {Sound Off/OptiLuxx} LED, with Mounting Gasket
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
49JBX	LIGHT, STEP {Sound Off/OptiLuxx} 4" Round LED, White, Wired to Ignition, Operated by Entrance Door
49JCG	LIGHT, STROBE LED, Specialty Man. Co. 845-3020, Low Profile, Double Flash, 3.60" High
49AHV	LIGHT, STROBE, STOP SIGN, FRT In Lieu Of Flashing Lights Furnished with Stop Sign, Speciality
49BZG	LIGHTS, BACK UP (2) {Sound Off/OptiLuxx} LED, 7" Round Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49BYZ	LIGHTS, DIRECTIONAL, REAR (2) {Sound Off/OptiLuxx} LED, 7" Round Amber
49PSY	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} (2) Slim-Line LED Armored, Amber, (1) Each Side First Section Aft Entrance Door
49BYL	LIGHTS, DOME {Sound Off/OptiLuxx} (05) LED, Rectangular Recessed Type, Mounted in Light Bar
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center in Ceiling, with Separate Switch
49JBY	LIGHTS, MARKER, FRONT & REAR (4) {Sound Off/OptiLuxx} LED, Armored, Slim-Line, (2) Amber Front and (2) Red Rear
49ZNE	LIGHTS, MARKER, SIDE, INTERMED {Sound Off/OptiLuxx} LED, Amber, Slim-Line, 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
49BLH	SPEAKER, OUTSIDE Horn, PA, Mounted Under Hood
49AWU	SPEAKERS AND WIRING (6) 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
49AMD	SWITCH, DRIVER PANEL, TYPE Rocker
49AAZ	SWITCH, INTERRUPT CROSS GATE Single Cycle; with Auto Reset, Located In Driver Compartment
49ANK	SWITCH, MAGNETIC, DISCONNECT Master, Ignition Operated, All Body Circuits Except Clearance Lights
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

<u>Code</u>	<u>Description</u>
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49GGE	FIRE EXTINGUISHER, DRIVER AREA 5 lb 2A-40BC Minimum, with Flexible Hose and Metal Nozzle
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHL	REFLECTORS, SIDE, INTERMEDIATE (2) Amber, 4", Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GEH	SAFETY TRIANGLES Warning Reflectors, Mounted on Drivers Barrier 9.5" Above Floor
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49GUK	FENDERS, RUBBER, REAR (2)
49GUX	MUD FLAPS, FRONT WHEELS (2) Rubber
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
49GWW	WINDSHIELD WASHER Kit; 6 Quart Capacity, Bottle
49GBV	WINDSHIELD WIPERS (2) Cowl Mounted
OBD002	STATE OF OPERATION Maine
49AJS	CONNECTION, STROBE LIGHT Roof Mounted. To Have Strobe Come On When Stop Arm is Extended or with Usual Strobe Switch

Services Section:

WARRANTY

40133	WARRANTY Standard for Electric School Bus Models, Effective with Vehicles Built October 1, 2020 or Later, CTS-3310
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BODY FEATURES

49GVN	WARRANTY 5-Year, Limited
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Electric CE S Bus

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 27, 2023

Prepared For:

State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:

DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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 Electric CE S Bus (PB10E)

APPLICATION:	School Transportation
MISSION:	Requested GVWR: 33000. Calc. GVWR: 35000 Calc. Start / Grade Ability: 19.48% / 3.12% @ 55 MPH Calc. Geared Speed: 65.7 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 157.00
MOTOR, ELECTRIC, DRIVETRAIN:	{Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
AXLE, FRONT NON-DRIVING:	{Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends Gear Ratio: 6.83
TIRE, FRONT:	(2) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

Code	Description
PB10E00	Base Chassis, Model Electric CE S Bus with 276.00 Wheelbase, N/A CA, and 157.00 Axle to Frame.

BODY PLANS

OBD007	BODY, BUS BODY, BUS,, Conventional; 78" Headroom, 31'11" Body Length, 71 Passenger, 254 WB
OBD005	BODY PLAN, NON-SPECIAL NEEDS DATCO-978

ENGINE

12AAB	MOTOR, ELECTRIC, DRIVETRAIN {Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
12XCJ	RADIATOR Aluminum, 2-Row, Cross Flow, Four 12" E-Fan System, 595 SqIn Louvered, for Electric Vehicle
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic

REAR AXLES, SUSPENSIONS

14ERW	AXLE, REAR, SINGLE {Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.83
14TBT	SUSPENSION, REAR, AIR, SINGLE {International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

FRONT AXLES

2ASC	AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
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FRONT SUSPENSIONS

3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers
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CABS, COWLS, BODIES

16010	COWL Flat Back
16HCV	GAUGE CLUSTER English with English Electronic Speedometer, for Electric Vehicle

FRAMES

1CGL	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 480.1" (12195mm) Maximum OAL
1LTV	BUMPER, FRONT Contoured, Steel, Heavy Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted
1SAM	CROSSMEMBER, REAR, AF (2)
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
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Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

Code	Description
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XCJ	BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity
4XDW	BRAKE CHAMBERS, FRONT AXLE 18 Sqn, for Air Disc Brakes
4WJJ	DUST SHIELDS, FRONT BRAKE Rotor, with Air Disc Brakes
4XCK	BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle
4XEA	BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes
4WJL	DUST SHIELDS, REAR BRAKE Rotor, with Air Disc Brakes
4SPS	AIR COMPRESSOR {Quanxing} 10.6 CFM, for Electric Vehicle
4EBT	AIR DRYER {Bendix AD-IP} with Heater
4VLN	AIR TANK LOCATION (2) Mounted Outside Right Rail, Side by Side, Back of Stepwell, for Electric Vehicle

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} Power
5710	STEERING COLUMN Tilting and Telescoping
5CAL	STEERING WHEEL 2-Spoke, 18" Dia., Black

DRIVELINES

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

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
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
8TLC	BATTERY PACK High Voltage, 210 kWh Total Capacity
8MZY	BATTERY SYSTEM {Energys Odyssey 31-PC2150 AGM} Maintenance-Free, (2) AGM 12-Volt 230CCA Total, Top Threaded Stud
8WUH	CHARGING PORT Forward Location, with Spring Loaded Door, for Electric Vehicle
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
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
8VBD	HORN, ELECTRIC (2) Trumpet Style, Mounted Above Right Frame Rail
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WUC	POWER CONVERTER HV (High Voltage) Battery to 12V Battery, with Dual Converters, for Electric Vehicle
8XNX	SOUND GENERATOR for Electric Vehicle

FRONT END

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

Code	Description
9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical

SPEEDOMETER, TOOLS, MISC

10AGC	COMMUNICATIONS MODULE Telematics Device; Includes Five Year Data Plan and International 360
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10788	PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
10WLM	SPECIAL ROUTING CONTROL WIFI to CBC for Kajeet Wi-Fi Installation; Contact CBC for Quote/Pricing

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
7382135443	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 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
7382135443	(4) TIRE, REAR 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

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
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
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
47BLD	STEP, FRONT ENTRANCE DOOR 27 1/4" Depth; 14ga Steel, Formed Treads, Naviflex Finish

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

<u>Code</u>	<u>Description</u>
47AUR	TIE DOWNS, BODY Grade 8 Bolts, Every Body Section
47DAJ	COVER, REAR DOOR INSIDE HANDLE Partial Coverage
47DNB	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Split Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers
47BDG	DECAL, BUMPERS for Electric Vehicle, Front and Rear
47MJR	LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside
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
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 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
47NAB	PAINT COLOR, RUB RAILS 0001 Canyon Black
47NJM	PAINT FLASHER BACKGRD 0001 Canyon Black
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
OBD006	PAINT HOOD TOP MATCH BODY COLOR
47NKL	PAINT, RUB RAIL Flange to Flange

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

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Code	Description
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
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
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
47DNU	SWITCH, LOCATION Redundant Right Side Door Controls; Steering Wheel and Left of Driver; Includes Master Flasher Switch, Flasher On/Off Control, and Red Override Control

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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APP	WINDOW, STOPS 9" Opening
48PAZ	WINDSHIELD 3 Flat Pieces, 73% Light
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48GHC	HEATER, DRIVER 90,000 BTU, with Defroster and without Rear Heat Duct
48PMD	HEATER, PASS, LT MIDSHIP 1ST 84,500 BTU
48PMJ	HEATER, PASS, LT REAR 84,500 BTU

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

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Code	Description
48PMS	HEATER, STEPWELL 50,000 BTU
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
48PTT	ARM REST, DRIVER, RIGHT {National}
48NAT	FITTINGS, AIR SEAT for Driver Seat
48PUT	NUTS, BELT MOUNTING Standard Nuts For Seat Belt Mounting
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
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48PVN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Gray
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48RTL	SEAT,39",TRK & WALL,LT (3)
48RTT	SEAT,39",TRK & WALL,RT (3)
48RUN	SEAT,39",TRK,LT (8)
48RZZ	SEAT,39",TRK,RT (8)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49JAL	TRACK, COVER
49JAK	TRACK, FLOOR LENGTHS 651"-700", Less Shoulder Track
49JBG	TRACK, TYPE (BRAND) {OMNI L Track}
49AMV	ALARM, BACKING {Ecco #850} 112 dB
49AMT	CIRCUIT, PROTECTION Breakers, Manual Reset in Lieu of Fuses

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

Code	Description
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
49JBV	LIGHT, LICENSE PLATE {Sound Off/OptiLuxx} LED, with Mounting Gasket
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
49JBX	LIGHT, STEP {Sound Off/OptiLuxx} 4" Round LED, White, Wired to Ignition, Operated by Entrance Door
49JCG	LIGHT, STROBE LED, Specialty Man. Co. 845-3020, Low Profile, Double Flash, 3.60" High
49AHV	LIGHT, STROBE, STOP SIGN, FRT In Lieu Of Flashing Lights Furnished with Stop Sign, Speciality
49BZG	LIGHTS, BACK UP (2) {Sound Off/OptiLuxx} LED, 7" Round Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49BYZ	LIGHTS, DIRECTIONAL, REAR (2) {Sound Off/OptiLuxx} LED, 7" Round Amber
49PSY	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} (2) Slim-Line LED Armored, Amber, (1) Each Side First Section Aft Entrance Door
49JBP	LIGHTS, DOME {Sound Off/OptiLuxx} (07) LED, Rectangular Recessed Type, Mounted in Light Bar
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center in Ceiling, with Separate Switch
49JBY	LIGHTS, MARKER, FRONT & REAR (4) {Sound Off/OptiLuxx} LED, Armored, Slim-Line, (2) Amber Front and (2) Red Rear
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
49BLH	SPEAKER, OUTSIDE Horn, PA, Mounted Under Hood
49AWU	SPEAKERS AND WIRING (6) 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
49AMD	SWITCH, DRIVER PANEL, TYPE Rocker
49AAZ	SWITCH, INTERRUPT CROSS GATE Single Cycle; with Auto Reset, Located In Driver Compartment
49ANK	SWITCH, MAGNETIC, DISCONNECT Master, Ignition Operated, All Body Circuits Except Clearance Lights
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 27, 2023

<u>Code</u>	<u>Description</u>
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49GGE	FIRE EXTINGUISHER, DRIVER AREA 5 lb 2A-40BC Minimum, with Flexible Hose and Metal Nozzle
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHL	REFLECTORS, SIDE, INTERMEDIATE (2) Amber, 4", Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GEH	SAFETY TRIANGLES Warning Reflectors, Mounted on Drivers Barrier 9.5" Above Floor
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49GUK	FENDERS, RUBBER, REAR (2)
49GUX	MUD FLAPS, FRONT WHEELS (2) Rubber
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
49GWW	WINDSHIELD WASHER Kit; 6 Quart Capacity, Bottle
49GBV	WINDSHIELD WIPERS (2) Cowl Mounted
OBD002	STATE OF OPERATION Maine
49AJS	CONNECTION, STROBE LIGHT Roof Mounted. To Have Strobe Come On When Stop Arm is Extended or with Usual Strobe Switch

Services Section:

WARRANTY

40133	WARRANTY Standard for Electric School Bus Models, Effective with Vehicles Built October 1, 2020 or Later, CTS-3310
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BODY FEATURES

49GVN	WARRANTY 5-Year, Limited
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Electric CE S Bus

Sales Proposal For:
State of Maine

Presented By:
DeVivo Bus Sales

April 24, 2023

Prepared For:

State of Maine
William Allen
Procurement & Contract Manager
Augusta, ME 04333-
(207)287 - 7876
Reference ID: N/A

Presented By:

DeVivo Bus Sales
Matthew Kearns
583 SOUTH STREET
NEW BRITAIN CT 06051 -
(860)229-4878

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 Electric CE S Bus (PB10E)

APPLICATION:	School Transportation
MISSION:	Requested GVWR: 33000. Calc. GVWR: 35000 Calc. Start / Grade Ability: 19.48% / 3.12% @ 55 MPH Calc. Geared Speed: 65.7 MPH
DIMENSION:	Wheelbase: 276.00, CA: N/A, Axle to Frame: 157.00
MOTOR, ELECTRIC, DRIVETRAIN:	{Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
AXLE, FRONT NON-DRIVING:	{Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends Gear Ratio: 6.83
TIRE, FRONT:	(2) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
PB10E00	Base Chassis, Model Electric CE S Bus with 276.00 Wheelbase, N/A CA, and 157.00 Axle to Frame.

BODY PLANS

OBD004	BODY, BUS BODY, BUS, Conventional; 78" Headroom, 34'11" Body Length, 77 Passenger, 276" WB
OBD005	BODY PLAN, NON-SPECIAL NEEDS DATCO-978

ENGINE

12AAB	MOTOR, ELECTRIC, DRIVETRAIN {Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
12XCJ	RADIATOR Aluminum, 2-Row, Cross Flow, Four 12" E-Fan System, 595 SqIn Louvered, for Electric Vehicle
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12VVN	CRUISE CONTROL Electronic

REAR AXLES, SUSPENSIONS

14ERW	AXLE, REAR, SINGLE {Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.83
14TBT	SUSPENSION, REAR, AIR, SINGLE {International IROS} 23,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

FRONT AXLES

2ASC	AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
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FRONT SUSPENSIONS

3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers
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CABS, COWLS, BODIES

16010	COWL Flat Back
16HCV	GAUGE CLUSTER English with English Electronic Speedometer, for Electric Vehicle

FRAMES

1CGL	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 480.1" (12195mm) Maximum OAL
1LTV	BUMPER, FRONT Contoured, Steel, Heavy Duty
1LMW	CROSSING GATE, FRONT Electric, Yellow Blade, Bumper Mounted
1SAM	CROSSMEMBER, REAR, AF (2)
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
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Vehicle Specifications
2024 Electric CE S Bus (PB10E)

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Code	Description
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4XCJ	BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity
4XDW	BRAKE CHAMBERS, FRONT AXLE 18 Sqn, for Air Disc Brakes
4WJJ	DUST SHIELDS, FRONT BRAKE Rotor, with Air Disc Brakes
4XCK	BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle
4XEA	BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes
4WJL	DUST SHIELDS, REAR BRAKE Rotor, with Air Disc Brakes
4SPS	AIR COMPRESSOR {Quanxing} 10.6 CFM, for Electric Vehicle
4EBT	AIR DRYER {Bendix AD-IP} with Heater
4VLN	AIR TANK LOCATION (2) Mounted Outside Right Rail, Side by Side, Back of Stepwell, for Electric Vehicle

STEERING

5PRR	STEERING GEAR {TRW (Ross) TAS66} Power
5710	STEERING COLUMN Tilting and Telescoping
5CAL	STEERING WHEEL 2-Spoke, 18" Dia., Black

DRIVELINES

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

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
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
8TLC	BATTERY PACK High Voltage, 210 kWh Total Capacity
8MVY	BATTERY SYSTEM {Energys Odyssey 31-PC2150 AGM} Maintenance-Free, (2) AGM 12-Volt 230CCA Total, Top Threaded Stud
8WUH	CHARGING PORT Forward Location, with Spring Loaded Door, for Electric Vehicle
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
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
8VBD	HORN, ELECTRIC (2) Trumpet Style, Mounted Above Right Frame Rail
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WUC	POWER CONVERTER HV (High Voltage) Battery to 12V Battery, with Dual Converters, for Electric Vehicle
8XNX	SOUND GENERATOR for Electric Vehicle

FRONT END

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical

SPEEDOMETER, TOOLS, MISC

10AGC	COMMUNICATIONS MODULE Telematics Device; Includes Five Year Data Plan and International 360
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10788	PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
10WLM	SPECIAL ROUTING CONTROL WIFI to CBC for Kajeet Wi-Fi Installation; Contact CBC for Quote/Pricing

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
7382135443	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 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
7382135443	(4) TIRE, REAR 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

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
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
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
47BLD	STEP, FRONT ENTRANCE DOOR 27 1/4" Depth; 14ga Steel, Formed Treads, Naviflex Finish

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

<u>Code</u>	<u>Description</u>
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47DAJ	COVER, REAR DOOR INSIDE HANDLE Partial Coverage
47DNB	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Split Pane Glass
47DAE	FASTENERS, REAR DOOR Lag Screws, 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
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
47MNT	ARROW, RR DOOR, INSIDE Decal; Red, .75" Stroke, Indicating Handle Direction
47MNV	ARROW, RR DOOR, OUTSIDE Decal; Black .75" Stroke, Indicating Handle Direction
47AJB	BODY CERTIFICATION TAG Mylar Label
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers
47BDG	DECAL, BUMPERS for Electric Vehicle, Front and Rear
47MJR	LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside
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
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 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
47NAB	PAINT COLOR, RUB RAILS 0001 Canyon Black
47NJM	PAINT FLASHER BACKGRD 0001 Canyon Black
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
OBD006	PAINT HOOD TOP MATCH BODY COLOR
47NKL	PAINT, RUB RAIL Flange to Flange

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
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
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
47DNU	SWITCH, LOCATION Redundant Right Side Door Controls; Steering Wheel and Left of Driver; Includes Master Flasher Switch, Flasher On/Off Control, and Red Override Control

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
48CCJ	WINDOW, PASSENGER, TINT Clear, Tempered Glass
48ARV	WINDOW, SASH (21) 27" Sections, 9"x 23" Opening
48APP	WINDOW, STOPS 9" Opening
48PAZ	WINDSHIELD 3 Flat Pieces, 73% Light
48PAY	AISLE POSITION Center, for balanced seating
48PBB	FLOOR COVERING, COLOR Black
48PJR	FLOOR COVERING, TRIM Aluminum
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
48PKN	FAN, DEFOG FAR RIGHT (01) Black, Mounted Right Above Windshield, Forward Entrance Door, 2-Speed Switch in Panel
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48GHC	HEATER, DRIVER 90,000 BTU, with Defroster and without Rear Heat Duct
48PMD	HEATER, PASS, LT MIDSHIP 1ST 84,500 BTU
48PMJ	HEATER, PASS, LT REAR 84,500 BTU

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
48PMS	HEATER, STEPWELL 50,000 BTU
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
48PTT	ARM REST, DRIVER, RIGHT {National}
48NAT	FITTINGS, AIR SEAT for Driver Seat
48PUT	NUTS, BELT MOUNTING Standard Nuts For Seat Belt Mounting
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
48PXA	UPHOLSTERY, BARRIER, TYPE (1-2) Vinyl, 42 oz.
48PVN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Gray
48PWN	UPHOLSTERY, DRIVER SEAT, TYPE Vinyl, 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
48RET	PANEL, MODESTY, AFT ENTR DOOR Mounted Under Barrier
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48RTL	SEAT, 39", TRK & WALL, LT (3)
48RTT	SEAT, 39", TRK & WALL, RT (3)
48RUP	SEAT, 39", TRK, LT (9)
48RXX	SEAT, 39", TRK, RT (9)
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48SBG	UPHOLSTERY, PASS SEATS, TYPE Vinyl, 42 Ounce
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

49JAL	TRACK, COVER
49JAK	TRACK, FLOOR LENGTHS 651"-700", Less Shoulder Track
49JBG	TRACK, TYPE (BRAND) {OMNI L Track}
49AMV	ALARM, BACKING {Ecco #850} 112 dB
49AMT	CIRCUIT, PROTECTION Breakers, Manual Reset in Lieu of Fuses

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

Code	Description
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
49JBV	LIGHT, LICENSE PLATE {Sound Off/OptiLuxx} LED, with Mounting Gasket
49ERT	LIGHT, RED, EMERG EXIT, REAR 3" Inside, Over Rear Door, LED, Connected to Clearance Lights
49JBX	LIGHT, STEP {Sound Off/OptiLuxx} 4" Round LED, White, Wired to Ignition, Operated by Entrance Door
49JCG	LIGHT, STROBE LED, Specialty Man. Co. 845-3020, Low Profile, Double Flash, 3.60" High
49AHV	LIGHT, STROBE, STOP SIGN, FRT In Lieu Of Flashing Lights Furnished with Stop Sign, Speciality
49BZG	LIGHTS, BACK UP (2) {Sound Off/OptiLuxx} LED, 7" Round Clear
49DDC	LIGHTS, CLUSTER {Truck Lite 07045A & 07045R} LED; Amber Front and Red Rear
49BYZ	LIGHTS, DIRECTIONAL, REAR (2) {Sound Off/OptiLuxx} LED, 7" Round Amber
49PSY	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} (2) Slim-Line LED Armored, Amber, (1) Each Side First Section Aft Entrance Door
49JBP	LIGHTS, DOME {Sound Off/OptiLuxx} (07) LED, Rectangular Recessed Type, Mounted in Light Bar
49EYG	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted 32.94" Left of Center in Ceiling, with Separate Switch
49JBY	LIGHTS, MARKER, FRONT & REAR (4) {Sound Off/OptiLuxx} LED, Armored, Slim-Line, (2) Amber Front and (2) Red Rear
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
49BLH	SPEAKER, OUTSIDE Horn, PA, Mounted Under Hood
49AWU	SPEAKERS AND WIRING (6) 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
49AMD	SWITCH, DRIVER PANEL, TYPE Rocker
49AAZ	SWITCH, INTERRUPT CROSS GATE Single Cycle; with Auto Reset, Located In Driver Compartment
49ANK	SWITCH, MAGNETIC, DISCONNECT Master, Ignition Operated, All Body Circuits Except Clearance Lights
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49EGM	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black, Heated

Vehicle Specifications
2024 Electric CE S Bus (PB10E)

April 24, 2023

<u>Code</u>	<u>Description</u>
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DMT	MIRROR, REAR VIEW, EXTERIOR {Rosco Open-View} Black, Heated, Non-Detent
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49GGE	FIRE EXTINGUISHER, DRIVER AREA 5 lb 2A-40BC Minimum, with Flexible Hose and Metal Nozzle
49GBC	KIT, BODY FLUID Mississippi, New Mexico, Alabama, North Dakota, Oklahoma, Pennsylvania, Wisconsin, California, Colorado, Hawaii, Illinois, New York, Rhode Island, Wyoming, Vermont, Maine, Louisiana, Massachusetts, Michigan, New Jersey, Arkansas, Kansas
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHL	REFLECTORS, SIDE, INTERMEDIATE (2) Amber, 4", Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back
49GEH	SAFETY TRIANGLES Warning Reflectors, Mounted on Drivers Barrier 9.5" Above Floor
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49GUK	FENDERS, RUBBER, REAR (2)
49GUX	MUD FLAPS, FRONT WHEELS (2) Rubber
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
49GWW	WINDSHIELD WASHER Kit; 6 Quart Capacity, Bottle
49GBV	WINDSHIELD WIPERS (2) Cowl Mounted
OBD002	STATE OF OPERATION Maine
49AJS	CONNECTION, STROBE LIGHT Roof Mounted. To Have Strobe Come On When Stop Arm is Extended or with Usual Strobe Switch

Services Section:

WARRANTY

40133	WARRANTY Standard for Electric School Bus Models, Effective with Vehicles Built October 1, 2020 or Later, CTS-3310
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BODY FEATURES

49GVN	WARRANTY 5-Year, Limited
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