

Bid Specifications 2026 Type C 35 Passenger Diesel School Buses

Chassis to be new Type C model as described in these specifications. Minimum specifications are listed below, and each bidder must state the compliance details that pertain to the unit indicating size, quality, range and information as necessary to determine unit quality. Bidder's specifications must meet or exceed the minimum specifications listed and must detail any variance or deviations from specification. Any spaces that ask for a specific detail, type of component, or other pertinent information regarding the specification must be filled in to be considered a responsive bid. **All chassis and body specifications shall meet or exceed those specifications as set forth by the Federal Department of Transportation, Federal Motor Vehicle Safety Standards, and the Kansas Minimum Standards for School Buses (or as may be in effect) at time of manufacture.**

These specifications must be filled out and returned with bid to be considered. Marking YES means you meet Specifications exactly. Marking NO means you must fill out an Variance From Specification comment to the right of the YES/NO checkboxes. Failure to do so will result in bid being disqualified.

NEW 2026 35-PASSENGER CONVENTIONAL SCHOOL BUS CHASSIS AND BODY SPECIFICATIONS

	YES	NO	VARIANCE FROM SPECIFICATION
Chassis: New 2026 Model chassis for 35 passenger capacity school bus body			
Wheel base: 193" minimum required axle to axle centers for type of bus bid.			
Frame Rails: high strength, low alloy steel, 50,000 PSI			
Bumper, Front: Front bumper shall be full width and must extend to outer edge of fenders; must be 1/4" thickness.			
Bumper, Rear: To Be Die Formed 3/16" Steel, Minimum 12" Face With 12" Wrap Around			
Frame Members, Attachment, & Supports: all frame members, attachments and supports shall be attached using minimum Grade 8 bolts and/or fasteners. Use of huck style fasteners are not acceptable.			
Chassis Frame Rails and some Attachments: Powder-coated black finish for maximum rust and corrosion protection			
Axle, Front: 8,000 lb. capacity with oil-lubricated wheel seals/hubs, with front shock absorbers			
Suspension, Front: 8,000 lb. taper leaf design with rubber bushings, and shock absorbers.			
Axle, Rear: Single Reduction, 17,500 lb. capacity. Shall include a magnetic drain plug.			
Rear suspension: 18,500 lb. Capacity, with heavy-duty shock absorbers and vari-rate spring suspension			
Steering: Power assist type steering gear			
Steering Shaft: U-Joints shall be serviceable with grease fittings.			

YES	NO	VARIANCE FROM SPECIFICATION
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Electronic Diagnostics System: the bus shall be equipped with an on board dash LCD diagnostic display which can display fault codes for engine and chassis that can be read without the use of a computer device attached.

Air Cleaner: Bus shall be equipped with screen integrated with the hood air intake to remove moisture and large debris.

Air Cleaner Filter: the filter shall be removable and shall include an air restriction indicator

Engine coolant: Shall be extended life coolant and pre-set to minimum of - 34°F.

Throttle and Cruise Control: Engine electronics to include electronic throttle and cruise control.

Engine Alarm System: Bus shall be equipped with both visual and audible alarms notifying the driver in the event of low oil pressure or high water temperature.

Fast idle switch: electric

Low Voltage Protection Indicator: Bus shall be equipped with both visual and audible alarms notifying the driver of a low voltage occurrence.

Headlights: Replaceable halogen bulb without the use of tools for increased light output with Lexan cover for durability and safety.

Daytime Running Lights: Headlight operation controlled by ignition switch. System to be capable of being deactivated by applying the parking brake except when the red warning lights are active.

Full Instrumentation: Voltmeter, Oil and Temperature Gauges, Speedometer, Trip Odometer, Tachometer, Fuel Gauge, DEF Gauge. Additionally, the instrument panel shall be illuminated and include text light indicators monitoring both the amber and red warning light activations, emergency exit door opening, low coolant level and cruise control activation.

Horns: Dual electric horns.

BRAKE SYSTEM

Brake System: Chassis shall be equipped with Meritor/Wabco Hydro-Max Hydraulic Brake System with 4 channel Anti-lock Brakes

Parking Brake: chassis shall be equipped with Driver Foot Operated Parking Brake with Push to Apply/Release operability.

YES	NO	VARIANCE FROM SPECIFICATION
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Parking Brake Location: The Bosch parking brake unit shall be located on the front of the rear differential, which provides for a stronger mounting point than transmission tail-shaft units and also provides for park brake function even if the drive-line is removed for service issues

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Safety Release: Ignition Key Must Be in the "ON" position to Release Parking Brake to Prevent Bus Rollaway. Service brake pedal must be "depressed" to release parking brake to prevent bus rollaway. **Safety Item**

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Park Brake Warning: Parking brake must be "SET" before turning ignition "OFF", visual and audible warning alarm shall sound if the driver forgets to set the parking brake before turning vehicle "off" **Safety Item**

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FUEL

Fuel Tank: 65 gallon steel diesel tank mounted between-the-rails, with protective skid plate

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Low Fuel Level Indicator: Bus shall be equipped with a visual alarm light notifying the driver in the event of low fuel level.

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Heat Shields: heat shields shall be located between any part of the fuel system that is 12" or closer to any part of the exhaust system

_____	_____	_____
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Fuel filler door: to be equipped with a non-locking latch (not just spring loaded to hold it closed)

_____	_____	_____
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WHEELS AND TIRES

Wheels: 8.25" x 22.5" steel disc, hub piloted, 10 Stud, painted high gloss black

_____	_____	_____
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Tires: 255/70/R22.5 14-ply tires. Mud and Snow Drive rear, steer front

_____	_____	_____
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MISCELLANEOUS

Hood: Hood fiberglass 3 piece design for low cost repairs.

_____	_____	_____
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Hood Wire Harness Assembly: headlight and turn signal wiring harness shall have a quick disconnect connector at, or near, the bumper.

_____	_____	_____
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Road speed governor: Electronic with **75mph maximum**. Bus shall be able to obtain maximum speed stated.

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Windshield wipers: 5-speed intermittent electric

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YES	NO	VARIANCE FROM SPECIFICATION
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WARRANTIES

(Bidders must provide a copy of warranty certificates for covered components with the bid detailing all warranty coverages)

Transmission: 7 yrs/Unlimited miles

Engine: 5 yrs/100,000 miles minimum

Include warranty provided with bid

Body and Chassis: 3 Year 50,000 Miles Body/Chassis
Warranty

Include warranty provided with bid

YES	NO	VARIANCE FROM SPECIFICATION
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BUS BODY SPECIFICATIONS

Capacity: 35 passengers

Body / Chassis Integration: The bus body and chassis shall be assembled in one complete process . To eliminate exposure to exterior elements the chassis shall be built at the same time as the body and the body immediately mounted onto the chassis. Chassis shipped from a separate assembly plant to the body plant are not acceptable. **No Exceptions!**

Headroom: Minimum 78" measured at the center of the aisle with 12" window sashes.

Stepwell: Three-step design with a minimum 31" clear opening. For increased passenger access, the stepwell shall remain its full width with no taper from the bottom step to the top step. Step front entrance door 27 1/4 depth; 14-gauge steel, formed treads, coated stepwell, or similar polyurea coating applied for superior corrosion resistance. Must include white safety edge (nosing) for each entrance step.

Exterior Paint: Baked-on polyurethane National School Bus Chrome yellow paint on exterior, with black guard rails, bumpers, and state required warning light backgrounds. Window pilasters may be yellow or black. **Roof to be painted white.**

Undercoating: Two - stage process to include complete undercoating of the bus body prior to mounting the body on the chassis for complete body coverage. After body mounting a second undercoat shall be applied for maximum corrosion and rust protection.

Floor Covering: One-piece black, seamless with ribbed center aisle having no aisle trim.

Flat Floor: Floor shall be flat and level front to back with no protrusions for wheel covers. **No Exceptions!**

Body Side Panels: the side panels shall be constructed of a minimum 16 - gauge steel with a smooth panel appearance. **No Exceptions!**

Upholstery: Grey, fire-block on all passenger seats, barriers, and header bumpers

Insulation, thermal & noise: Minimum of 1.5" fiberglass insulation located in roof, sides, and end caps. Driver area floor and firewall noise insulation package.

Stairwell Assist Rail: Both forward (RH) and aft (LH) of the entrance door. Dual height handrails in entrance stepwell, including lower handrail at 24" height in 1" diameter and upper handrail at 34" height and 1-1/4" diameter.

Rub Rails: (4) including snow rail: All rub rails shall be painted high-gloss black, and shall be finished on all ends with a metal end cap. Top Of Each Rub Rail To Be Sealed With Caulk And Bottom To Have Drain Holes

Sub-floor: 5/8" marine grade plywood sealed on edges

Driver Seat: Driver Seat To Be A National 2000 Seat With Gray Cloth Inserts and Arm Resst on Left and Right Side

Driver storage area: Water resistant driver compartment, large enough to fit a 3 ring binder, including USB A and USB C charging ports.

Passenger seats: Six 36" Floor mounted with (2)- 3 point lap/shoulder seatbelts and (2)- Integrated Child Restraint Systems. Two 36" Floor Mounted with (3) 3-Point lap/shoulder belts. Five seats 39" BTI Floor mounted seats. One 30" Floor mounted BTI seat. Seats to be mounted on standard centers.

Seat covers: to have a minimum 2-year warranty from manufacturers defects.

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Emergency Windows: two windows, one left & one right with appropriate lettering for "Emergency Exit". All windows to be aluminum split sash.

Windshield: Curved, 3-piece windshield without center post, bonded to the body of the bus; including shaded band to help driver's visibility. Rake angle of 16 degrees; 7.26mm thickness of front windshield glass piece

Windshield wipers: Windshield Wipers to be bottom mounted with single electric motors, intermittent control switch and wet arm style. Headlight and Taillights Will Have an Instant on Feature with The Activation of Windshield Wipers

Driver HVAC: 41,000 BTU Drivers Heater located under forward dash with standard In-Dash 16,000 BTU Air-Conditioning System

Heater cut off valve: Two (2) Quarter Turn Brass Heater Cut-Off-Valves, With Butterfly Type Handle under the Hood

Roof hatches: (2) Transpec 1975-028-121-03

All body wiring: to be color coded and numbered.

Interior rear view: 6 x 30

Exterior View: - Rosco Open View, To Be Heated and Remote Controlled from The Driver Area.

Lighting	YES	NO	VARIANCE FROM SPECIFICATION
<i>(all exterior lighting to be LED unless otherwise noted)</i>			
Tail lights: to meet state specifications	_____	_____	_____
Stop/tail lights: (2) 7" LED	_____	_____	_____
Turn signals, front mounted: (2) incandescent in headlight assemblies	_____	_____	_____
Turn signals, side mounted: shall be LED, armor protected, and mounted per state specifications	_____	_____	_____
Master cut-off: Ignition operated master cut-off switch, all body circuits.	_____	_____	_____
8-way lights: Stobing LED, with weather hoods, switch shall be operated without driver removing hands from the steering wheel. Steering wheel switches must be backlit for superior driver experience and ease of identification.	_____	_____	_____
Stop arm: electrically-operated stop arm with strobing LED lights wired for automatic operation with entrance door.	_____	_____	_____
Back-up lights: (2) 7" Clear, LED	_____	_____	_____
Step well light: LED operated by door opener	_____	_____	_____
License plate light - White LED	_____	_____	_____
Dome lights: Two rows of recessed dome lights - LED	_____	_____	_____
Driver's dome light: on separate switch. LED	_____	_____	_____
Rear Activity Dome light: Single, on separate switch	_____	_____	_____
Strobe light: Roof mounted, Low Profile White, LED dual-flash strobe light. Switch located in switch panel.	_____	_____	_____
Back-up alarm: 112db	_____	_____	_____
Fire extinguisher: 5-lb, with hose, mounted near entrance door	_____	_____	_____
Body fluid clean up kit: mounted on front header.	_____	_____	_____
First aid kit: mounted near entrance door	_____	_____	_____
Emergency triangular warning kit: mounted on drivers barrier level with top of modesty panel	_____	_____	_____
3M "Flourescent" Diamond Grade Reflective Tape: extending down both sides, on rear both vertically and horizontally and "SCHOOL BUS" lettering on front and rear.	_____	_____	_____
Reflectors: All Amber and Red Reflectors On The Front, Side and Rear to be 3M "Flourescent" Highly Reflective Tape – Screw On Reflectors – "NOT ACCEPTABLE"	_____	_____	_____
Seat Belt Cutters: Minimum of 2 seat belt cutters required.	_____	_____	_____
Lettering: 6" belt line lettering per Kansas state minimum specifications. District numbering shall be in four locations, to be determined.	_____	_____	_____
Inspection: Provide Mechanic Inspection on KSDE Applicable Forms. Must provide Mechanic's Qualification letter to accompany all paperwork.	_____	_____	_____

Additional Equipment:	YES	NO	VARIANCE FROM SPECIFICATION
Certificate holder: (2) 9 3/8" X 6" with transparent covers	_____	_____	_____
Engine Ignition: All Ignitions shall be keyed alike	_____	_____	_____
Radio/PA: AM/FM/-MPLX Stereo with antenna and cables with interior PA and 8 speakers	_____	_____	_____
Air Conditioning: Original factory installed 60,000 BTU Driver Dash area and Rear bulkhead mounted Air Conditioning system.	_____	_____	_____
Post Trip Child Check System: The bus to be equipped with a Child-Chek system, or equivalent, that is activated by the driver activating the red warning lights and opening the entrance door while on route. The system shall be designed so as to require the driver to walk to the back of the passenger compartment upon completion of their route to disarm. If not disarmed, the headlights will flash and the horn will sound alerting personnel the bus was not checked to ensure all students have exited the bus.	_____	_____	_____