

NOTICE IS HEREBY GIVEN that the Board of Education of Seneca Township High School, District #160 will receive sealed bids for a diesel powered 84 capacity 2026 model type “D” front engine transit school bus.

Bids must be delivered to, or mailed to and received by, Dr. Dan Stecken, Superintendent, Seneca THSD #160, 307 E. Scott St., Seneca, IL 61360 no later than 10:00 a.m. on February 3, 2025. Each bid must be delivered in a sealed envelope marked “Request for Proposals – School Bus”. A copy of the said specifications and bid forms may be obtained from the school website at www.seneacahs.org under District – District Finance.

Bids will be publicly opened and read aloud by the Superintendent at 10:00 a.m. on February 3, 2025, in the Board of Education Room.

DATED this 6th of January 2025

Rich Hamilton

Secretary, Board of Education

Seneca Township High School District #160

84 Passenger Diesel Powered School Bus

Diesel powered 84 Capacity 2026 model type “D” Front Engine Transit School Bus with integrated chassis and body built by one manufacturer. Vendors are to use THESE FORMS in submitting bids and must state compliance or detail all alternates or equals. On the line to the right of each item in these specifications, the bidder must indicate by YES that they meet this item OR must explain the alternate equipment quoted. Failure to do so will result in the School Board assuming the bid submitted does not meet the specifications and therefore the bid will not be considered. License, title, initial Illinois school bus inspection and all other fees must be included in your price. **Seneca THSD #160 reserves the right to waive any irregularities and accept or reject any and all bids at their discretion.**

Minimum Chassis Specifications

Bidder Specifications

Description:

2026 model year front engine transit school bus chassis

232” wheel base

Frame and Bumpers:

50,000 PSI frame rails fastened with huck-spin swaged fasteners which will not require re-torqueing during vehicle lifecycle

Rear bumper 3/16” thick steel, bolted directly to frame with double “A” frame bracing

Front bumper 3/16” steel contoured, bolted directly to frame

Engine:

Inline 6 cylinder Cummins turbo diesel **NO EXCEPTIONS**

220 horsepower minimum

600 ft-lbs torque minimum

Must meet Current E.P.A. standards

Chassis Continued

Bidder Specifications

Engine Continued:

SCR type emission system

15 gallon DEF tank **MINIMUM** with locking door

Electro-magnetic engine fan

Interior engine cowl must open by 2 quick releases with an access opening of 21" x 33"

Engine coolant -34 degrees F

Coolant reservoir tank must be easily visible by only opening front exterior access panel

High idle switch

Transmission:

Allison 2500 PTS with synthetic fluid only

Exhaust:

Stainless steel to exit left through bumper

Axle, Driveline and Suspension:

Oil lubricated front axle, 13,200 LB GAWR

Front leaf springs, 13,200 LBS

Rear axle, 21,000 LB GAWR, List gear ratio

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Rear leaf spring suspension, 21,000 LBS

Front and rear shock absorbers

4 wheel alignment with certificate

Tires:

Kumho 11R22.5 Tires
(front highway tread) (rear traction tread)

Wheels:

Black bud style disc wheels 8.25" X 22.5" with 5 hand holes, no exception

Balanced **front** and **rear**

Steering:

Tilt and telescoping

50-degree minimum wheel cut

Brakes:

Hydraulic brakes with 4 piston calipers

Dust shields included

Foot operated parking brake

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Electrical:

Battery disconnect switch in battery box

Dual electric horns

Cruise control

Road speed governor set at 75 mph

Alternator **280 AMP Minimum** with 158 AMP high idle

750 watt block heater with weatherproof receptacle, front bumper

(3) group 31 batteries rated at 2,100 CCA

Instrument cluster with: coolant temperature, transmission temperature,
oil pressure, voltmeter, tachometer, speedometer, odometer,
hour meter, fuel level, fuel economy, clock and
system warnings and alarms

Instrument cluster must be centered in front of driver

Fuel System:

Locking fuel fill door, right hand side

100 gallon fuel tank mounted behind front axle, between frame rails

Heated fuel / water separator

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Warranty:

5 year FULL BODY Manufacturer warranty, include coverage document _____

5 year / 100,000 mile Cummins engine warranty, include coverage document _____

7 year transmission warranty, include coverage document _____

Miscellaneous:

Front and rear tow hooks, frame mounted _____

Service and Maintenance:

All fluids filled and all chassis components lubricated before delivery to Seneca, IL _____

List engine oil change interval by miles and hours _____

List engine oil capacity in quarts _____

Complete web-based manuals included _____

Minimum Body Specifications

Bidder Specifications

Description:

2026 transit style front engine

40' body length

84 passenger capacity

Construction:

Minimum interior headroom of 77"

14 gauge roof bows from floor line to floor line

Side skirt length 19-3/4"

Exterior body panels to be installed using rivets

Fully Perforated interior ceiling panels to be installed using rivets

Must meet **Colorado Rack** structural integrity test with certification due upon delivery

Interior ceiling panels to have acoustic perforation in **all** body sections

One piece formed seat rail and impact barrier on both sides

Four extended rubrails at window, seat, floor and skirt bottom levels

Meets Kentucky Pole Test

Insulation in headers, corners, ceiling, bows, and firewall

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Galvanized steel stepwell

Floor:

5/8" exterior grade plywood sub-floor

Heavy duty black floor covering

Aluminum trim to cover joints

Molded ABS wheel houses

Entry steps black, non-skid with white nosing

Doors:

Electric Powered outward opening entry door 32" X 79" **MINIMUM**

Entry door vandal lock

Front engine/radiator access panels to open with quick release buttons, systems that require a tool are not acceptable

Padded headers over all doors

Vandal lock with ignition interlock for R.E.D.

Fore and aft hand grab rails in step well

Windows/Windshield:

Tinted windshield 2-piece curved glass

Grip handles mounted above windshield, both sides

Front bumper steps, both sides

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Dual motor, 2 speed wet arm windshield wipers

Wiper blades to be all weather type 26"

Side windows 12" split sash extruded aluminum frames

Tinted glass (passenger, rear emerg. door, and rear vision)

Driver's window double sliding with latches, tempered safety glass

6" x 30" visor for driver side windshield and drivers window

Safety/Emergency Exits:

(2) Transpec low profile emergency hatches with buzzer

(4) push out windows (2) per side, vertically hinged with buzzer

Rear emergency door with hold-open device

Driver's pilot light for emergency exits

Safety/Emergency Exits Continued:

Backing alarm 112 db activated by reverse

Noise suppression switch

Body fluid clean up kit mounted

IL first aid kit, reflective triangles and 5LB fire extinguisher

All safety equipment to be secured and placed as to not impede driver entering, exiting or operating

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Seating Configuration:

Left Hand: (1) 39" HB Barrier, (14) 39" HB Seats

Right Hand: (1) 39" HB Barrier, (14) 39" HB Seats

Seats and Upholstery:

AIR Driver seat, National high back with Brown cloth upholstery

Aisle side ratchet adjusting arm rest on driver seat

Console mounted padded arm rest on driver's left

Modesty panel on entry side barrier

Seats and Upholstery Continued:

Premium upholstery on passenger seats, brown in color

Passenger seats – fully lap seat belt ready

Minimum seat spacing 28"

Minimum knee to hip spacing 25.5"

Heaters and Defrosters, and A/C:

(2) 6" auxiliary 2 speed fans mounted left and center on a pivoting base

90,000 BTU main heater with full width defroster

12,000 BTU driver heater

50,000 BTU midship under seat heater

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80,000 BTU rear under seat heater _____

All heaters to have cleanable mesh filters _____

Heaters to be plumbed in series _____

(2) exterior ¼ turn valves for water circulation to heaters _____

Chassis mounted heater booster pump _____

Full front and rear 136K BTU Air Conditioning, warranty coverage 5 years _____

Lights, Electrical, and Accessories:

Driver's dome light and switch _____

Dual row dome lights _____

Rear row dome (2) lights on separate switch _____

Dome lights 15 candlepower _____

LED Stepwell light operates with entrance door _____

LED Passenger boarding light _____

Red LED light over rear emergency door _____

Shield for beltline directional _____

LED recessed ID, clearance and marker lights _____

8-Way light system amber/red, quartz halogen with solid state flashers _____

LED Front amber turn signals _____

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- Rear amber directionals 7" LED _____
- Exterior lights to be LED _____
- Double Luggage compartment both sides **Minimum 30 cu. ft each side** _____
- Rear luggage compartment both sides **Minimum 20 cu. ft. each side** _____
- Stop and tail lights red 4" LED _____
- Stop and tail lights red 7" LED _____
- Back-up lights white / clear 4" LED _____
- Self-contained strobe light, roof mounted _____
- Electric stop arm with LED cluster lights _____
- Electric operated crossing arm with cancel switch _____
- Battery box with slide out tray, must have key lock _____
- Electrical panel outside under driver window with key lock _____
- AM/FM/USB/MP3/AUX with PA _____
- 8 interior speakers and 1 exterior _____
- 2-way radio pre-wire with circuit _____

- REI Complete System – HD DVR with (2) interior cameras,
(1) Stop arm camera and Event Marker _____

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Mirrors:

Interior mirror 6X30 with padded edges _____

All exterior mirrors heated with 15-minute auto shut off timer _____

Heated cross-view mirrors Roscoe eye-max L/P _____

Paint and Lettering:

White roof, NSB yellow with black trim and astro white interior _____

Black rubrails painted full width _____

Black painted background for 8-Way lights _____

Body to be fully undercoated premium modified wax _____

3M reflective yellow tape around push out windows _____

3M reflective yellow tape around rear emergency door _____

3M reflective yellow tape around roof hatches _____

3M reflective yellow tape 2" on side of bus and 1-3/4" on perimeter of rear of bus _____

3M reflective "SCHOOL BUS" signs front and rear headers _____

Lettering on battery access door 2" black "BATTERY DISCONNECT" _____

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Warranty:

5 year Manufacturer Full Body warranty, include coverage document

5 year body paint warranty, include coverage document

Miscellaneous:

Illinois inspection sticker

All required lettering and decals; Emergency Exit signs, overall length, capacity, window stop lines, etc.

Driver's cup holder

Front and rear mud flaps

Rubber fender on rear wheel wells

Hard clear plastic certificate holder on front bulkhead

Driver barrier storage pouch

Driver's overhead storage compartment locking

Service and Maintenance:

All body components lubricated before delivery to Seneca, IL

All units to be thoroughly cleaned inside and outside before delivery to Seneca, IL

Complete web based manuals included

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Beltline Lettering and Numbering:

“SENECA TOWNSHIP HIGH SCHOOL DISTRICT NO. 160”
on both sides in 5” black letters

Bus numbers in four locations per District instruction

“To Comment on Driving” decal in driver side rear vision glass

Delivery:

Delivery to Seneca, IL Included.

Include state inspection sticker, title, license, delivery and all other fees in
price quote (The District will not pay any other fees at delivery)

Distributor is responsible for ensuring that bus is “route ready” at delivery

PRICING WORKSHEET – DIESEL POWERED FRONT ENGINE SCHOOL BUS

The following pricing must include **IL inspection, preparation, title fee, license fee, and delivery fee.** Please include body floor plan.

List Year of Vehicle Chassis and Body: _____

Make and Model of Vehicle: _____

Price for (1) complete unit per specification: \$ _____

Estimated delivery date of unit: _____

Trade Offer: \$ _____

(District reserves the right to keep or trade current bus, new bus price above must be firm in either case)

VENDOR INFORMATION

Name of Representative: _____

Name of Firm Represented: _____

Signature of Authorized Agent: _____