

Lucas Local School District  
65 Passenger Conventional School Bus Specifications

A.) CHASSIS MINIMUM SPECIFICATIONS – base bid

1. Rear air ride suspension
2. 29,000 GVWR
3. 10,000 Min. front axle
4. 19,000 Min. rear axle
5. 65 fuel tank
6. Two front mounted tow hooks
7. Ten hole hub piloted wheels

B.) ENGINE

1. Inline 6 cyl. Air cooled turbocharged
  - a. Minimum 210 H.P.
2. In-block coolant preheater 1,250 watt
3. Air operated thermostatically controlled radiator shutters with clutch fan
4. Engine noise abatement package
5. Leece Neville alternator, Min. 160amp.
6. Batteries min. 1250 C.C.A.

C.) BRAKES

1. Air brakes with minimum 12.5 C.F.M. compressor
2. Drum brakes front and rear with outboard mounted drums
3. Brake ling size: Front 15”x 4”  
Rear 16 ½”x 7”
4. Bendix air dryer
5. Brake shoe dust shields

D.) Transmission

1. Automatic Detroit Allison New World 2000 series
2. Outboard mounted spin on Trans. Filter

E.) TIRES

1. Tubeless Michelin Pilot XZE 275/80 R 22.5 steer tires front and snow tires rear

F.) INSTRUMENTS

1. Electronic fast idle, cruise control (adjustable)
2. Warning lights and buzzers for oil pressure, water temp, & air pressure
3. Oil pressure, water temp., transmission temp., ampere, and volt gauges
4. Hour meter, Air restriction gage, and tachometer
5. Tilt, telescoping steering wheel
6. Windshield wiper delay

G.) MANUALS

1. One set of service manuals or C.D. for total chassis and engine maintenance and service with complete wiring diagram
2. One complete parts manual or C.D. with illustrated parts breakdown. (including engine, transmission, & front and rear axles)

## BODY SPECIFICATIONS 65 PASSENGER CONVENTIONAL

Body minimum requirements- base bid

### A.) BODY GENERAL INTERIOR

1. Two rows side mounted dome lights and separate L.E.D. drivers dome light.
2. A.M./ F.M. Stereo radio with 2 front, two center, two rear speakers, with Internal and External P.A. system.
3. Wiring to be color coded, numbered, and circuit breaker protected.
4. Inside driver mirror 6"x 30" minimum
5. Complete acoustical ceiling
6. Through floor access hole to fuel tank sending unit
7. Railroad "Quiet " switch
8. 78" headroom
9. Tilt/Telescoping Steering Column

### B.) HEATERS

1. Windshield defroster to run complete full length under windshield
2. Mid mount heater

### C.) SEATS

1. Air ride cloth 8 way drivers seat with lumber control
2. Seat upholstery to be green in color
3. Seats to be numbered about window
4. Driver storage pouch attached to barrier behind drivers seat
5. Right front passenger seat equipped with 3 lap belts

### D.) BODY GENERAL EXTERIOR

1. Remote/Heated Rear view mirrors with stainless steel brackets and mounts
2. Air operated crossover gate with polyrod
3. Air operated stop sign; Specialty Manufacturing #2960
4. Lo-pro roof hatches
5. Complete body and Frame rustproofing and undercoating
6. White Roof
7. Tinted Window
8. Stainless steel cross over mirror brackets and mounts
9. 10"x 44" yellow reflective background for "SCHOOL BUS LETTERING"
10. Easy tilt hood
11. ESPAR auxiliary heater, controls to be mounted @ drivers area
12. Air Horn

### E.) LIGHTS

1. All L.E.D. lighting for stop, backup, turn, running
2. Running light guards
3. Warning light visors
4. roof mounted strobe light
5. L.E.D. strobe Warning lights

**F.) SAFETY EQUIPMENT**

1. All safety equipment shall be in compliance with Ohio School Bus safety standards

**G.) IDENTIFICATION**

- a. LUCAS LOCAL SCHOOL DISTRICT , and BOARD OWNED, shall appear on each side of the bus
- b. Local number will be # 8

**H.) MANUALS**

- a. One set of service manuals or CD for total body with Wiring diagram
- b. One complete parts manual or CD with illustrated parts breakdown