

SCHOOL BUS SPECIFICATIONS- 65 Passenger Type "C" Conventional

Unit to be a brand new 2016 or newer model 65 Passenger bus seated to capacity of 59 with 12" aisle and 3-3 seating, bid as a complete vehicle, including all body and chassis components and equipment. Bus must meet or exceed all applicable safety requirements, including Nebraska Department of Education "Rule 92", in addition to the following requested specifications.

Please indicate in the space provided, exactly what is being bid. Do not state "equal" or "exceeds", but instead fully describe what you are bidding, so that an accurate comparison can be made.

It is expected that all specified equipment will be factory installed, so that electrical wiring, switches, etc will be integral and matching types. If your quote includes adding aftermarket accessories to be compliant, please make certain to note such on this bid sheet.

If you are quoting several different units, please make copies of this form for each unit, so that we may make a direct comparison of each unit.

Delivery time is an additional consideration, so please list here, approximately how soon we can expect delivery from the time the order is placed. 240 days

All bids are due to the office of the

1. Size

59 passenger seating	<u>Yes</u>	No	_____
Minimum 236" wheelbase	<u>Yes</u>	No	_____
Minimum 27.5" hip-to-knee room	<u>Yes</u>	No	_____
Minimum 78" headroom	<u>Yes</u>	No	_____
GVWR not to exceed 26,000 lbs.	Yes	No	<u>27,500</u>

*Front Axle Weight 8,000#
+ Rear Axle Weight 19,500#
= 27,500# As Required per Sec. 5

2. Engine

Turbocharged diesel engine	<u>Yes</u>	No	_____
Minimum HP- 240HP	<u>Yes</u>	No	_____
Engine Make and Model <u>Cummins 6.7L ISB</u>			_____
Block heater	<u>Yes</u>	No	_____
Fuel filter / Water separator with electric fuel heater	<u>Yes</u>	No	_____
Electronic hand throttle / cruise control	<u>Yes</u>	No	_____

Please list here the engine warranty

FIVE years

100,000 miles

3. Transmission

Allison 2500PTS series 5 speed automatic	<u>Yes</u>	No	_____
External "spin-on" filter element	<u>Yes</u>	No	_____

Please list here the transmission warranty

SEVEN years UNLIMITED miles

4. Tires and Wheels

11R22.5 Tires, mud/snow tread on rear	<u>Yes</u>	No	_____
Disc "Budd type" rims, Hub Piloted	<u>Yes</u>	No	_____
Load Range "G" 14 ply tires, radial	<u>Yes</u>	No	_____

5. Axles & Springs

Front Axle 8,000 lb minimum	<u>Yes</u>	No	_____
Rear Axle- 19,500 lb minimum	<u>Yes</u>	No	_____
Rear Axle ratio to provide for 70 – 75 mph highway speeds	<u>Yes</u>	No	_____
Parabolic springs for smoother ride on front axle	<u>Yes</u>	No	_____

6. Brakes

Power hydraulic brake system	<u>Yes</u>	No	_____
4 Wheel disc brakes	<u>Yes</u>	No	_____
ABS Anti -lock system	<u>Yes</u>	No	_____
Parking brake interlock system to require brake pedal to be depressed prior to release of parking brake	<u>Yes</u>	No	_____

7. Alternator / Batteries

Alternator- 200 amp minimum	<u>Yes</u>	No	_____
Three 12 volt maintenance free batteries	<u>Yes</u>	No	_____
1800 Cold Crank Amps minimum	<u>Yes</u>	No	_____
Battery tray to be sliding type with <u>nylon or stainless rollers</u>	<u>Yes</u>	No	_____
Battery door to have "clamp type" latch and "pin type" hinges	<u>Yes</u>	No	_____
Battery tray to be powder-coated for rust/corrosion resistance	<u>Yes</u>	No	_____
Battery compartment to be fully vented	<u>Yes</u>	No	_____

8. Cooling System

Coolant level sight glass	<u>Yes</u>	No	_____
Modulated fan clutch	<u>Yes</u>	No	_____
Long-Life "Red" coolant	<u>Yes</u>	No	_____
Anti-freeze protection to -40F degrees	<u>Yes</u>	No	_____

9. Bumpers

Front bumper to be swept back aerodynamic styled	<u>Yes</u>	No	_____
Rear bumper to be minimum 12" tall, concave design	<u>Yes</u>	No	_____
Bumpers to be constructed of minimum ¼" steel	<u>Yes</u>	No	_____

10. Warning Systems

Low Oil Pressure Warning Light <i>and</i> Buzzer	<u>Yes</u>	No	_____
High Coolant Temperature Warning Light <i>and</i> Buzzer	<u>Yes</u>	No	_____
"Water in Fuel" Warning Light	<u>Yes</u>	No	_____
"Headlight on after ignition is off" warning buzzer or beeper	<u>Yes</u>	No	_____

11. Gauges

Electronic Speedometer w/ Odometer	<u>Yes</u>	No	_____
Electronic Tachometer	<u>Yes</u>	No	_____
Oil Pressure	<u>Yes</u>	No	_____
Coolant Temperature	<u>Yes</u>	No	_____
Voltage &/or Ammeter	<u>Yes</u>	No	_____
Transmission Fluid Temperature	<u>Yes</u>	No	_____
Fuel Level	<u>Yes</u>	No	_____
DEF tank level shall be gauge, not warning light	<u>Yes</u>	No	_____
All gauges to be separate and distinct displays, visible and readable without switching on or toggling between functions	<u>Yes</u>	No	_____

12. Electrical System

All wiring to be color coded	<u>Yes</u>	No	_____
All wiring to be numbered	<u>Yes</u>	No	_____
All circuits to be protected w/ manual reset breakers	<u>Yes</u>	No	_____
Exterior electrical access panel with locking door	<u>Yes</u>	<u>No</u>	<u>Interior</u>
Master disconnect solenoid, ignition operated	<u>Yes</u>	No	_____
Power outlet installed in driver's area	<u>Yes</u>	No	_____
Dual electric horns	<u>Yes</u>	No	_____
Halogen headlamps w/ Daytime running lights	<u>Yes</u>	No	_____

13. Lights / Signals

Pre-Trip inspection system to activate all exterior lamps	<u>Yes</u>	No	_____
Cluster and marker lights to be LED	<u>Yes</u>	No	_____
Tail / Brake / Turn Signals to be LED	<u>Yes</u>	No	_____
Side directional signals to be LED, one each side	<u>Yes</u>	No	_____
Stepwell and exterior loading light to be LED	<u>Yes</u>	No	_____
7" Backup lights, clear	<u>Yes</u>	No	_____
Two rows of dome lights	<u>Yes</u>	No	_____
Separate drivers light	<u>Yes</u>	No	_____

14. Doors

Entrance door to be power operated	<u>Yes</u>	No	_____
Entrance door controls to be lighted	<u>Yes</u>	No	_____
Entrance door to be outward opening	<u>Yes</u>	No	_____
Largest width entrance door offered by your company	<u>Yes</u>	No	_____
Please list the width of your entrance door <u>30"</u>			
Door linkage to be located above door in compartment	<u>Yes</u>	No	_____
Doors to be equipped with vandallock system	<u>Yes</u>	No	_____
Emergency door hinges to be equipped with grease zerks	<u>Yes</u>	No	_____
Positive locking device to hold emergency door open	<u>Yes</u>	No	_____

15. Floor

Sub floor to be constructed of 5/8" plywood	<u>Yes</u>	No	_____
Floor structure/strength to allow for future retrofit of restraint-type seats or seat belts	<u>Yes</u>	No	_____
Aisle trim to be aluminum or stainless steel (no plastic)	<u>Yes</u>	No	_____
Step Treads to be "Pebble" style, not standard ribbed style	<u>Yes</u>	No	_____

16. Heaters

Left Front- 90,000 Btu Minimum with filter	<u>Yes</u>	No	_____
Left Rear- 84,500 Btu Minimum with filter	<u>Yes</u>	No	_____
Stepwell- 50,000 Btu Minimum with filter	<u>Yes</u>	No	_____
Midship- 84,500 Btu Minimum with filter	<u>Yes</u>	No	_____
Heater Booster Pump	<u>Yes</u>	No	_____
Two (2) auxiliary defroster fans with <i>metal</i> fan cages	<u>Yes</u>	No	_____
Heater valves to be ¼ turn ball valves, not gate valves	<u>Yes</u>	No	_____

17. Insulation

1 ½" Fiberglass or 2" Poly insulation in roof and side panels	<u>Yes</u>	No	_____
Body bow cavities to be fully insulated	<u>Yes</u>	No	_____
Full-length acoustical ceiling liner	<u>Yes</u>	No	_____
Acoustical insulated stepwell and drivers floor area	<u>Yes</u>	No	_____
Engine compartment noise reduction package	<u>Yes</u>	No	_____

18. Color

Exterior to be National School Bus Yellow, trimmed in black	<u>Yes</u>	No	_____
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Upholstery and Floor covering to be blue color	<u>Yes</u>	No	_____
19. Rub Rails			
Four (4) rails on each side, including skirt-mounted snow rails	<u>Yes</u>	No	_____
Two (2) rails on each side must wrap around rear to door post	<u>Yes</u>	<u>No</u>	1 _____
All rub rails to have integral vents on bottom side	<u>Yes</u>	No	_____
All rub rails to be sealed on top edge	<u>Yes</u>	No	_____
20. Body Mounts			
Bus body to be mounted to the frame with <i>grade 8</i> fasteners	<u>Yes</u>	No	_____
Body to be undercoated prior to and after mounting to frame	<u>Yes</u>	No	_____
21. Mirrors			
Must conform with current FMVSS and Rule 92 88	<u>Yes</u>	No	_____
Rear view mirrors to be heated and motorized, remote control	<u>Yes</u>	No	_____
Cross view mirrors to be heated, Mirror-Lite Bus-Boy "Hi Definition Series"	<u>Yes</u>	No	_____
22. Radio			
AM/FM-CD Stereo with minimum 6 speakers	<u>Yes</u>	No	_____
Public Address system to be integral with radio and speakers	<u>Yes</u>	No	_____
23. Roof Hatches			
Two (2) roof escape hatches	<u>Yes</u>	No	_____
Roof hatches must be able to open for ventilation	<u>Yes</u>	No	_____
24. Seats and Barriers			
All seats to be upholstered in "Fire Block" material	<u>Yes</u>	No	_____
Bottom side of cushions to be covered with same material	<u>Yes</u>	No	_____
Seat bottom cushions to fold forward for easier cleaning	<u>Yes</u>	No	_____
No welting allowed on seats	<u>Yes</u>	No	_____
Driver's seat to be hi-back style, with adjustable recline	<u>Yes</u>	No	_____
Driver's seat to be air-ride with integrated compressor	<u>Yes</u>	No	_____
Driver's seat to be equipped with arm rest	<u>Yes</u>	No	_____
Driver's seat belt "D ring" to be height adjustable	<u>Yes</u>	No	_____
Crash Barrier behind driver and behind entrance door	<u>Yes</u>	No	_____
Crash Barriers to be upholstered in "Fire Block" material	<u>Yes</u>	No	_____
25. Windows			
All side windows to be dark tinted glass	<u>Yes</u>	No	_____

12" passenger windows (standard 9" not allowed)	<u>Yes</u>	No	Flat glass is antiquated and subject to stress cracks
Windshield to be comprised of flat glass, not curved	<u>Yes</u>	No	
Adjustable sun visors for LH windshield <u>and</u> driver's window	<u>Yes</u>	No	
Windshield to include dark shaded band at top	<u>Yes</u>	No	
Two (2) emergency exit windows on each side of bus	<u>Yes</u>	No	
Storm Glass in driver's window and entrance door	<u>Yes</u>	No	

26. Wipers

Heated, all weather intermittent windshield wipers	<u>Yes</u>	<u>No</u>	
Largest, heaviest duty size wipers available from your company	<u>Yes</u>	No	
Bottom mount wipers only	<u>Yes</u>	No	
Wipers to share single motor, with tandem linkage	<u>Yes</u>	No	

27. Safety Equipment

Dual Stop Arms, one front, and one rear required	<u>Yes</u>	<u>No</u>	1
Stop Arms to be equipped with strobe or LED lights	<u>Yes</u>	No	
Stop Arms to be constructed of composite material	<u>Yes</u>	No	
Roof mounted strobe light to be lo-profile, double flash	<u>Yes</u>	No	
Noise kill switch for all blowers and radio	<u>Yes</u>	No	
Complete reflective tape package, 3M Diamond Grade	<u>Yes</u>	No	
First Aid Kit to be mounted above windshield, on header panel	<u>Yes</u>	No	
Additional First Aid Kit to be mounted on rear header panel	<u>Yes</u>	No	
Body Fluid Kit to be mounted above windshield, on header panel	<u>Yes</u>	No	
Fire Extinguisher to be minimum 5 lb unit, with flexible hose	<u>Yes</u>	No	
Child-Check system to be installed	<u>Yes</u>	No	
Warning light system to allow red lights to flash with entrance door either open or closed (Red over-ride switch)	<u>Yes</u>	No	

28. Other

Rear wheel-wells to have rubber or metal flares or fenderettes	<u>Yes</u>	No	
Front and rear mud flaps	<u>Yes</u>	No	
Entire underbody to be fully undercoated	<u>Yes</u>	No	
Lockable storage compartment mounted above driver's window or in front header area	<u>Yes</u>	No	
Padded shoulder rails	<u>Yes</u>	No	
Interior book racks, tubular style	<u>Yes</u>	No	
Tilt Steering Column	<u>Yes</u>	No	
Extended Side skirts	<u>Yes</u>	No	

29. Luggage Compartments

One compartment on RH side of bus, ahead of rear wheels	<u>Yes</u>	No	_____
Two compartments on LH side of bus, ahead of rear wheels	<u>Yes</u>	No	_____
Compartments to be largest size available to fit body size	Yes	No	100" _____
All compartments to be lockable, with heavy duty hardware	<u>Yes</u>	No	_____
All compartments to include interior lighting	<u>Yes</u>	No	_____

30. Pre-Delivery

Bus to be completely inspected and serviced by selling dealer prior to delivery to school, in addition to factory pre-delivery	<u>Yes</u>	No	_____
Selling dealer to provide in-service training to school personnel and drivers upon delivery to school	<u>Yes</u>	No	_____

Total Bid Price

\$ 84,670 _____

- Price to include beltline lettering
- Price to include delivery to school location

Dealership Name and Address

Truck Center Companies-Omaha

4522 So 108th street

Omaha, NE 68137

Contact Steve Kreinbring _____

Telephone 402-592-0440 _____

Fax 402-592-2209 _____

Email skreinbring@truckcentercompanies.com