

## Type D RE/FE School Bus

Completion Date (Time Period) Defined Prices: Combined Prices: Separate Prices: Alternate Prices: Unit Prices: Cash Allowances or Other Stipulated Sums: Sub Trade List Description:	Dynamic Specialty Vehicles days	First Truck Centre Vancouver days	Western Canada Bus days
<b>Bus Unit Price:</b>			
Type D RE ( 80+ Passenger or Maximum Capacity ). All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$141,588	\$147,288	\$144,700
Type D FE ( 80+ Passenger or Maximum Capacity ). All units and components must meet Federal and Provincial regulations and requirements and current D250.	135924	139574	N/A
<b>Base Bus Specifications: Body:</b>			
1. Full power steering - minimum 18" diameter steering wheel Tilt steering column telescopic 1. Additional Information	Yes	Yes	Yes
2. Aluminized Interior Steel Walls Head Room - 77" Subfloor - 5/8" plywood Rubber covered light coloured ribbed in aisle Floor materials to be covered to sidewalls 2. Additional Information	Yes	Yes Galvalume side sheets 78" headroom	Yes
3. Wheel housings to be molded type and fully covered All joints to be silicone sealed - including sidewalls and perimeter 3. Additional Information	Yes	Yes	Yes
4. Mud flaps Installed on front and on rear wheels rubber fenderettes on all four (4) wheel wells 4. Additional Information	Yes	Yes	Yes
5. Exterior paint to meet national school bus yellow standard black rub rails light colour interior 5. Additional Information	Yes	Yes	Yes
6. Exterior Lettering 6" - (Purchaser name) both sides at belt line 4" - Bus # two front corners and opposite license plate rear 6. Additional Information	Yes	Yes	Yes
7. Exterior Lettering con't 2" - Capacity GVW (Purchaser name) on side panel back of entrance door and side panel below driver 7. Additional Information	Yes	Yes	Yes
8. Internal signs over windshield - No Smoking - No Standees 8. Additional Information	Yes	Yes	Yes
9. Body fully undercoated for noise and rust protection 9. Additional Information	Yes	Yes	Yes
10. Crossing arm deactivation switch 10. Additional Information	Yes	Yes	Yes
11. Tinted windshield wipers dual electric with intermittent control Windshield washers with wet arm windshield washer tank 2 litres minimum 11. Additional Information	Yes	Yes 2 piece curved and bonded	Yes
12. Split sash side windows tinted 12. Additional Information	Yes	Yes	Yes
13. All emergency exits to be vandal lock equipped 13. Additional Information	Yes	Yes	Yes
14. Two (2) roof emergency escape hatches 14. Additional Information	Yes 2 roof hatches provided	Yes 2 roof hatches provided	Yes As Specified
15. Entrance door to be air or electric operated with an emergency release valve mounted outside. Both doors heavy duty split type windows in upper and lower sections to open outward 15. Additional Information	Yes	Yes Air operated entry door	Yes

16. Entrance steps covered white trimmed with assist rails right and left side	Yes	Yes	Yes
16. Additional Information			
17. Body insulation including walls ceiling and roof bows - to be fibreglass or equivalent Dust intrusion package on underside of bus up to floor joint	Yes	Yes	Yes
17. Additional Information			
18. Noise abatement to be installed for engine firewall and driver's area	Yes	Yes	Yes
18. Additional Information			
19. Engine compartment fully insulated with sound barrier insulation and covered with galvanized or aluminized metal panels to withstand engine degreaser compounds and high pressure steam cleaning	Yes	Yes	Yes
19. Additional Information			
20. Power to accessory side of ignition	Yes	Yes	Yes
20. Additional Information			
21. Circuit breakers	Yes	Yes	Yes
21. Additional Information			
22. Gauges for the following: voltmeter; oil pressure; water temperature; air pressure; speedometer trip odometer tachometer hour meter	Yes	Yes	Yes
22. Additional Information			
23. Instrument panel shall be illuminated and include text light indicators monitoring both the amber and red light warning activations; low coolant level; cruise control activation cruise control	Yes	Yes	Yes
23. Additional Information			
24. 12 volt power point in switch panel	Yes	Yes	Yes
24. Additional Information			
25. Back-up alarm	Yes	Yes	Yes
25. Additional Information			
26. Two (2) LED strobing stop arms - mounted front and rear driver's side with wind guards.	Yes	Yes	Yes
26. Additional Information			
27. Driver alert system installed on rear engine door	Yes	Yes	Yes
27. Additional Information			
28. Front headlights HD all exterior lights to be LED cluster lights: front and rear - six (6) in total LED 8 light system non-sequential with master switch and visors	Yes	Yes	Yes
28. Additional Information		Halogen head lights and door light all others LED	
29. Two (2) rows of interior lights front and rear half on separate dimmer switches	Yes	Yes	Yes
29. Additional Information		Front and rear half on separate switches with dimmers	
30. One (1) driver's light on separate switch	Yes	Yes	Yes
30. Additional Information			
31. Interior rear view mirror and sun shield. Minimum 6" to maximum 10" x 30" with no obstruction of windshield	Yes	Yes	Yes
31. Additional Information			
32. Right and left side primary and convex mirrors; remote adjustable Exterior convex crossovers self-defrosting mounted on right and left sides	Yes	Yes	Yes
32. Additional Information			
33. Two (2) heavy duty auxiliary windshield defroster fans switched separately one for each windshield. To cover full width of windshield and drivers left side window. Heavy duty defroster motors.	Yes	Yes	Yes
33. Additional Information			
34. Defroster approximately 90 000 BTU capable of clearing front windows	Yes	Yes	Yes
34. Additional Information			
35. Three (3) under seat heaters mounted left side approximately 80 000 BTU; spaced for maximum heat distribution efficiency All heater hoses to be heavy duty to meet current coolant standards	Yes	Yes	Yes

35. Additional Information			
36. Each heating unit to be individually switched and to have two (2) heavy duty motors and fans with removable grills for quick service and cleaning.	Yes	Yes	Yes
36. Additional Information			
37. One (1) heater unit for driver's control area (transit type) - 10 000 BTU min.	Yes	Yes	Yes
37. Additional Information			
38. First Aid kit fire extinguisher flare kit all mounted in overhead compartment.	Yes	Yes	Yes
38. Additional Information			
39. Driver's seat to be deluxe high back air seat fully adjustable - 6-way with lumbar support and fold down arm rests. Air foam rubber filled with heavy duty covering cloth fabric.	Yes	Yes	Yes
39. Additional Information			
40. Passenger seats to be seat belt ready 3x3 seating on both sides. Seats to be wall mounted on one side All seat coverings to be HD fire resistant gray vinyl.	Yes	Yes	Yes
40. Additional Information			
41. Pre-wired power and ground thru noise suppression circuit for 2-way radio	Yes	Yes	Yes
41. Additional Information			
42. AM/FM/PA radio and CD player	Yes	Yes	Yes
42. Additional Information			
43. PA system with six (6) interior and one (1) exterior speakers separately controlled	Yes	Yes	Yes
43. Additional Information			

### Base Bus Specifications: Chassis:

1. Chassis and Body Year	2018 Blue Bird	2018	International 2018
2. Engine - Min. 250 HP diesel @ 620 ft lb torque c/w engine brake Minimum must be met or exceeded	Yes	Yes	Yes
2. Additional Information	Cummins ISB 250 HP @ 660 ft/lb torque with VGT brake	Cummins ISB 250 HP 620 torque	Cummins L9 260HP/720 LB-FT Torque with VGT Brake
3. Allison 3000 Transmission 6-speed electronic control synthetic trans fluid five (5) year warranty c/w cab-mounted temperature gauge and oil level sensor Include DOC software and connectors	Yes	Yes	Yes
3. Additional Information			
4. Air Brakes - Rear drum: 16½" x 8"; Front drum: 16½" x 6" with dust shields. Auto slack adjusters long stroke S cam type brakes. ABS included. Auxiliary Equipment tank right hand remote drain	Yes	Yes	Yes
4. Additional Information	Rear 16.5" x 8.62"	16.5 X 8 5/8th rear brakes	Rear 16.5" x 7"
5. High capacity dry type air cleaner c/w air restriction gauge to be mounted on dash or air intake	Yes	Yes	Yes
5. Additional Information		intake mounted	
6. Electric block heater ( min 1200 watts) external receptacle for block heater mounted in front of bus	Yes	Yes	Yes
6. Additional Information	750 watt as per Cummins	750 watt provided as per Cummins	
7. Antifreeze to -34; surge tank with sight glass	Yes	Yes	Yes
7. Additional Information			
8. Heavy duty on/off thermostatically controlled hydraulic or mechanical fan	Yes	Yes	Yes
8. Additional Information		Mechanical fan drive	
9. 200 amp high output alternator low cut in	Yes	Yes	Yes
9. Additional Information	240 amp Leece-Neville		200 Amp Delco-Remy
10. Three (3) heavy duty 12 volt commercial batteries with enclosed compartment left hand side mounted at closest point to engine starter on roller slide-out tray 950 CCA each (Group 31)	Yes	Yes	Yes
10. Additional Information			

11. Front axle - 14 000 lb taper leaf set back. Rear axle - 23 000 lb - performance chart must be supplied Rear axle ratio - Please specify options available Specify turning radius.

Yes  
Front Axle 14600 lb Rear Axle  
23000 lb Rear Axle Ratio 5.29  
Option 6.17/6.5

Yes

Yes

11. Additional Information

12. Air suspension rear c/w levelling valve(s). Heavy duty shock absorbers.

Yes

Yes

Yes

12. Additional Information

13. Tires - Two (2) -11R22.5 Michelin XZE 2 on front preferred Four (4) -11R 22.5 Michelin XDN2 on rear preferred disc wheels 10 stud hub pilot.

Yes

Yes

Yes

13. Additional Information

14. 375 liter fuel tank located between frame rails non locking fuel filler door.

Yes

Yes

Yes

14. Additional Information

15. Tow hooks front and rear heavy duty bumper.

Yes

Yes

Yes

15. Additional Information

16. Battery solenoid switch to be connected to ignition switch for isolation of all of the switch panel circuitry.

Yes

Yes

Yes

16. Additional Information

17. Diesel fired coolant pre heater (15-20 000 BTU) with 24 hour 7 day programmable timer.

Yes

Yes

Yes

17. Additional Information

18. Heavy duty hoses to meet current coolant standards.

Yes

Yes

Yes

18. Additional Information

19. All shut off valves are ¾ " ball type with 2 at engine block.

Yes

Yes

Yes

19. Additional Information

20. Engine and body diagnostics software or licensing.

Yes

Yes

Yes

20. Additional Information

21. Service Manual for engine and chassis

Yes

Yes

21. Additional Information

**Options Prices:**

1 - One (1) additional spare tire mounted.

Additional

Additional

Additional

1 - If Additional please indicate the Price

885

880

775

2 - Air horn roof mounted.

Additional

Additional

Additional

2 - If Additional please indicate the Price

149

121

195

3 - Current Gatekeeper digital video system supplied and installed with 2 cameras.

Additional

Additional

Additional

3 - If Additional please indicate the Price

1649

1689

1995

4 - Current Seon TL4 digital video system supplied and installed with 2 cameras.

Additional

Additional

Additional

4 - If Additional please indicate Price

1896

1796

1850

5 - Driver's storage compartment overhead left side.

Additional

Additional

Additional

5 - If Additional please indicate Price

128

99

210

6 - Installed Zonar V3: Fleet GPS Tracking and Vehicle Diagnostics System with EVIR hand held device and all accessories. Include pricing for 2010 or 2020 hand held devices.

Additional

Additional

Additional

6 - If Additional please indicate Price

975

830

900

7 - Zonar V3: Fleet GPS Tracking and Vehicle Diagnostics System installed.

Additional

Included

Additional

7 - If Additional please indicate Price

650

585

8 - Drivers Clipboard Storage accessible from drivers seat.

Additional

Included

Included

8 - If Additional please indicate Price

15

9 - Traction control through ABS.

Additional

Additional

Additional

9 - If Additional please indicate Price

459

650

295

10 - Driver controlled differential lock.

Additional

Not Available

Not Available

10 - If Additional please indicate Price

907

11 - Limited slip rear axle.

Additional

Not Available

Additional

11 - If Additional please indicate Price

1410

1225

12 - Automatic greasers minimum of 12 grease points.

Additional

Additional

Additional

12 - If Additional please indicate Price

2800

2833

2835

13 - Acoustic ceiling panels throughout.

Additional

Additional

Included

13 - If Additional please indicate Price	768	680	
14 - Interior-Exterior intercom.	Included	Additional	Additional
14 - If Additional please indicate Price		149	70
15 - Interior mirror - 10" x 30" mirror adjustable no windshield obstruction.	Additional	Additional	Additional
15 - If Additional please indicate Price	20	87	60
16 - Webasto Scholastic Heater	Additional	Additional	Additional
16 - If Additional please indicate Price	1402	1750	2175
17 - Emergency roof hatch vent with exhaust fan.	Additional	Additional	Additional
17 - If Additional please indicate Price	368	254	195
18 - Wheelchair lift specify OEM. Supply and install wheelchair lift with one chair position across from lift inclusive of tie down system.	Additional	Additional	Additional
18 - If Additional please indicate Price	6164	6098	6520
19 - Track seating per wheelchair space.	Additional	Additional	Additional
19 - If Additional please indicate Price	876	809	885
20 - Tinted windows throughout.	Included	Included	Included
20 - If Additional please indicate Price			
21 - Engine upgrade - Compressed Natural Gas (CNG)	Additional	Additional	Not Available
21 - If Additional please indicate Price	49613	45000	
22 - Hybrid upgrade - specify	Not Available	Not Available	Not Available
22 - If Additional please indicate Price			
23 - Engine upgrade - Propane (LPG)	Not Available	Not Available	Not Available
23 - If Additional please indicate Price			
24 - Integrated child seats/per seat. Attach information details.	Additional	Additional	Additional
24 - If Additional please indicate Price	627	352	685
25 - Telescopic steering.	Included	Included	Included
25 - If Additional please indicate Price			
26 - Hydraulic brake school bus with air seat and air suspension.	Not Available	Not Available	Not Available
26 - If Additional please indicate Price			
27 - Hydraulic brake school bus (no air components).	Not Available	Not Available	Not Available
27 - If Additional please indicate Price			
28 - Adjustable Foot Pedals	Additional	Additional	Not Available
28 - If Additional please indicate Price	1045	639	
29 - Underbody full thru luggage compartments	Additional	Additional	Additional
29 - If Additional please indicate Price	4589	3362	2500
30 - In-service training for chassis and body maintenance procedures at Purchaser's facility	Additional	Additional	Additional
30 - If Additional please indicate Price	750	800	800
31 - Laptop & connectors with applicable programming & software or licensing including training for each style of bus supplied. ABS software	Additional	Additional	Additional
31 - If Additional please indicate Price	2500	2500	2500
32 - Winter front and bug screen	Not Available	Not Available	Not Available
32 - If Additional please indicate Price			
33 - exterior entry door handle	Additional	Additional	Included
33 - If Additional please indicate Price	35	25	
34 - Zonar 2020 system	Additional	Additional	Additional
34 - If Additional please indicate Price	1095	540	1400
35 - Air operated disc brakes	Additional	Additional	Not Available
35 - If Additional please indicate Price	2058	2550	
36 - Vendor added option	ISB 300HP@ 660 LB-FT Torque	Auto Chains	
36 - Please indicate Price	3594	2540	
		back up camera with in mirror	
37 - Vendor added option	ISL 300HP@ 860 LB-FT Torque	display	
37 - Please indicate Price	9316	925	