

**TRA21-01 - Supply and Delivery of School Buses - Quote Form - Bus Unit Price: Type C**

Line Item	Bus Description	Dynamic Specialty Vehicles	First Truck Centre Vancouver	Western Canada IC Bus Inc.
		Submission 1	Submission 1	Submission 1
		Unit Price	Unit Price	Unit Price
1	76 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$120,680.00	\$119,120.00	\$113,900.00
2	70 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$119,835.00	\$117,821.00	\$113,400.00
3	64 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$118,000.00	\$116,719.00	\$111,800.00
4	58 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$116,735.00	\$114,949.00	\$110,400.00
5	52 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$116,060.00	\$114,147.00	\$109,100.00
6	46 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$113,975.00	\$113,689.00	\$106,700.00
7	34 passenger Type C. All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$107,704.00	\$110,805.00	\$103,800.00

**TRA21-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Body - Type C**

Line Item	Body Specifications	Dynamic Specialty Vehicles		First Truck Centre Vancouver		Western Canada IC Bus Inc.	
		Submission 1	Additional Information	Submission 1	Additional Information	Submission 1	Additional Information
		Yes/No		Yes/No		Yes/No	
1	Four (4) additional power supply feeds at body power source.	Yes		Yes		Yes	
2	Crossing arm deactivation switch	Yes		Yes		Yes	
3	Full power steering - minimum 18" diameter steering wheel Tilt steering column telescopic	Yes		Yes		Yes	
4	HORNS Dual electric	Yes		Yes		Yes	
5	Instruments: Dash mounted tach engine hr meter voltmeter speedometer in kmh c/w odometer in km fuel oil pressure transmission temperature engine temperature gauges (2) air pressure gauges	Yes		Yes		Yes	
6	Low air warning - light and buzzer	Yes		Yes		Yes	
7	Warning light and buzzer for high water temperature / low oil pressure	Yes		Yes		Yes	
8	LIGHTS: 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	Yes	Standard: Blue Bird's E-Z Light Check System allows drivers to check all lights with the flip of a switch.	Yes		Yes	
9	Tilt hood for engine access	Yes		Yes		Yes	
10	Engine noise insulator (firewall and hood)	Yes		Yes		Yes	
11	Body insulation including walls ceiling and roof bows - to be fiberglass or equivalent Dust intrusion package on underside of bus up to floor joint	Yes		Yes		Yes	
12	WINDSHIELD Laminated safety glass tinted Please state what is offered.	Yes	This 4-piece laminated tinted design enables a simple change of just the damaged section of glass in the event of a chip or crack.  This feature is much less expensive than replacing an entire one-piece windshield.	Yes	Tinted safety glass curved and bonded windshield provided	Yes	3-Piece Flat
13	WINDOWS Passenger windows split sash type tinted throughout. Thermal where required Driver's window sliding type thermal pane lockable Emergency windows evenly spaced.	Yes		Yes		Yes	
14	Exterior Lettering Six Inch - (Purchaser name) both sides at belt line	Yes		Yes	As required by district	Yes	
15	Four Inch - Bus Number two front corners and opposite rear license plate	Yes		Yes		Yes	
16	Two Inch - Capacity GVW (Purchaser name) on side panel back of entrance door and side panel below driver.	Yes		Yes		Yes	

17	Floor 5/8 plywood subfloor or equivalent secured with screws only (no nails) water-proofed and sealed at joints with silicone sealer including floor to wall seams; floor covering and entry steps	Yes		Yes		Yes	
18	Vandal lock for Emergency and Entrance Doors	Yes		Yes		Yes	
19	Heavy duty entrance door control - air or electric operated Entrance Door must be outward opening	Yes	Air operated door and accessories included in the base price. Electric controlled accessories available as an option.	Yes		Yes	
20	Two (2) auxiliary 6" electric defroster fans Separate switches on panel	Yes	Locations to be specified at time of order.	Yes		Yes	
21	Driver's dome light on separate switch.	Yes		Yes		Yes	
22	Rear dome lights on separate switches ( with dimmers if available )	Yes	Separate switches for front and rear with dimmers included in the base price.	Yes		Yes	
23	AM/FM CD RADIO W/PA Flush mounted speakers to match bus	Yes	AM/FM MP3 USB SD MMC BT with PA and Driver Remote Mic included.	Yes		Yes	
24	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	
25	EMERGENCY EQUIPMENT COMPARTMENT Above windshield; all emergency equipment to meet standards	Yes		Yes	FAK and Fire extinguisher in overhead compartment Triangles on Vestibule Floor	Yes	
26	Mud flaps front Mud flaps rear with rubber fender skirts	Yes		Yes		Yes	
27	MIRRORS (EXTERIOR) Right and left side primary and convex mirrors; remote adjustable Exterior convex crossovers self-defrosting mounted on right and left sides of hood	Yes		Yes		Yes	
28	Two (2) LED stop arms with strobe lights (red) air operated one (1) front mounted (1) rear mounted. Both with wind guards	Yes		Yes		Yes	
29	Wet arm windshield wipers intermittent / delay preferred	Yes		Yes		Yes	
30	HEATERS Two (2) 80 000 BTU under seat heaters one (1) right front step well heater 50 000 BTU and one (1) front defrost 90 000 BTU Specify if different in Smaller capacity buses.	Yes	All buses sizes meets heater requirements as specified.	Yes	More or less heaters available depending on bus size and district climate	Yes	All Sizes Equipped with Specified Requirement
31	Light coloured rubber floor covering and entrance steps. Specify colour.	Yes	Grey	Yes	Grey Colour	Yes	Grey
32	Seat spacing minimum 24" knee clearance Frame seat belt ready	Yes		Yes		Yes	All Seats are convertible to 3-Point Seatbelt Seats with appropriate spacing.
33	Aluminized side panelling	Yes		Yes	Galvalume interior side walls	Yes	
34	77" minimum interior headroom at highest point. Please state Headroom	Yes	77"	Yes	78 inch headroom standard	Yes	78"
35	Interior mirror - minimum 6" up to 10" x 30" Sun visor - Plexiglas 6" x 30"	Yes		Yes	6 x 30 inch mirror provided	Yes	
36	Two (2) roof emergency hatches / vents	Yes		Yes		Yes	
37	Right side luggage compartment 84" preferred Specify largest size available based on body size	Yes	77P & 71P - 102"; 65P - 102"; 60P - 102"; 53P - 82"; 47P - 58"; 35P - N/A	Yes	30 60 or 100 inch depending on wheel base	Yes	87" 76 & 70p; 79" 64p; 66" 58p; Left Avail on 46p & 34p. 76/70 Max 91"
38	Four (4) additional power supply feeds at body power source.	Yes		Yes	Same as #1	Yes	
39	Body fully undercoated for noise and enhanced rust protection	Yes	Please refer to Additional Options for other enhanced protection against de-icing chemicals or salt spray.	Yes	Asphalt emulsion undercoating standard	Yes	Undercoat is a Water Based Asphalt Emulsion. It is applied post body-drop and seat installation. The undercoat is applied manually at the seat installation bolts to ensure adequate coverage.

**TRA21-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Chassis - Type C**

Line Item	Chassis Specifications	Dynamic Specialty Vehicles		First Truck Centre Vancouver		Western Canada IC Bus Inc.	
		Submission 1		Submission 1		Submission 1	
		Yes/No	Additional Information	Yes/No	Additional Information	Yes/No	Additional Information
1	Chassis and Body Year	Yes	2022 Blue Bird Chassis	Yes	Thomas Built Bus 2022	Yes	International 2022
	ENGINE Diesel Minimum 240 HP @ 620 ft/lbs torque c/w engine brake Minimum 6 cylinder turbocharged. Minimum must be met or exceeded State what is supplied in base	Yes	Cummins B6.7 250HP@660lb.ft. 6.7L Inline 6 Cylinder Turbo Diesel with VGT Brake	Yes	Cummins ISB 6.7L 250HP 620lb/ft Detroit DD5 240hp 620lb/ft available at reduced cost	Yes	Cummins ISB 250HP/660 LB-FT Torque with VGT Brake
2	Automatic Allison 2500 to match engine torque rating with filter and transmission cooler (6 speed option avail) Must include Allison extended warranty for five (5) years and Allison TranSynd fluid	Yes	7 Year/unlimited warranty. 6-Speed Allison transmission available as @ N/C	Yes	7 year warranty on 2500 series transmission	Yes	7 Yr/Unlimited KM Warranty @ N/C 6-Spd Avail @ N/C
3	Wheelbase up to 280" - Specify for Each body size	Yes	35P - 169" 47P - 189" 53P - 217" 60P/65P - 252" 71P - 273" 77P - 280"	Yes	36p = 158" 47p & 53p = 199" 59p = 219" 65p = 238" 71p = 259" 77p = 279"	Yes	76p: 276" 70p: 276" 64p: 254" 58p: 236" 52p: 217" 46p: 193" 34p: 169"
4	Remote air tank drains	Yes		Yes		Yes	
5	Rear tow hooks	Yes		Yes		Yes	
6	Wheels - Disc hub piloted	Yes		Yes		Yes	
7	Tires - Six (6) -11R22.5 Michelin XZE 2 preferred	Yes	1R22.5 Michelin XZE 2 H rate	Yes		Yes	
8	Rear Axle - Capacity: 19 500 lb Maximum speed required: 110 kmh Cruise control set at 100 kmh 21 000 lb air ride suspension Specify Lighter axle for smaller capacity bus if warranted.	Yes	21 000 lb rear axle included. Credit applied if lighter axle selected	Yes	21000 Rear axle standard lighter axle available if desired by district	Yes	17 800 Axle Avail for <52p Credit if Selected
9	FRONT AXLE 10 000 lb minimum 10 000 lb spring suspension Specify Lighter axle for smaller capacity bus if warranted.	Yes	10 000 lb front axle included. Credit applied if lighter axle select	Yes		Yes	8 000 Axle Avail for <52p Credit if Selected
10	AIR BRAKES 5 cam W/ABS Min. 13.2 cfm compressor Spring brakes for emergency and parking Auto slack adjusters long stroke Air dryer 16-1/2 x 5 Front 16-1/2 x 7 Rear backing plates	Yes		Yes		Yes	
11	ALTERNATOR Heavy duty 200 amp alternator minimum State size and make	Yes	280 AMP brushless Leece-Neville	Yes		Yes	Leece-Neville 210 Amp
12	BATTERY Three (3) Group 31 batteries to be mounted in body side compartment	Yes		Yes		Yes	
13	Back-up alarm 97 dB minimum	Yes		Yes		Yes	
14	High capacity dry type air cleaner c/w air restriction gauge to be mounted on dash or air intake	Yes		Yes		Yes	
15	Electric block heater (min 1200 watt ) and in pan Oil Pan heater (350 watt)	Yes		Yes	750 Watt per cummins	Yes	750 watt per Cummins
16	Diesel fired coolant pre heater (15-20 000 BTU) with 24 hour 7 day programmable timer	Yes		Yes	Webasto TSL17	Yes	
17	Heavy Duty hoses to meet current coolant standards.	Yes		Yes	Gates Blue stripe standard	Yes	
18	Heated fuel water separator with primer pump installed in engine compartment	Yes		Yes		Yes	
19	Oil lubed front wheel bearings or sealed bearings	Yes		Yes		Yes	
20	SERVICE MANUAL AND DIAGNOSTIC SOFTWARE Service manual for engine and chassis Engine and body diagnostics software or licensing if web based.	Yes	Service Manual DVD supplied in dash diagnostics. Online access to all documentation. Free on-site and online technician training available.	Yes	Parts & service info on-line Engine diagnostic software 1 per district	Yes	
21	Electronic Stability Control	Yes		Yes		Yes	
22	Supply line setting ticket	Yes		Yes		Yes	
23	Heater cut off valve at engine	Yes		Yes		Yes	
24	FUEL TANK Minimum 60 gallon capacity (226 liter) Located aft of rear axle and between frame rails (filler on right side) Non-Locking Fuel tank door.	Yes		Yes		Yes	
25							

**TRA21-01 - Supply and Delivery of School Buses - Quote Form - Option Pricing: Type C**

Line Item	Optional Pricing	Dynamic Specialty Vehicles			First Truck Centre Vancouver			Western Canada IC Bus Inc.		
		Submission 1			Submission 1			Submission 1		
		Charge Type	Unit Price	Additional Information	Charge Type	Unit Price	Additional Information	Charge Type	Unit Price	Additional Information
1	One (1) additional spare tire mounted	Additional	\$712.00	Shipped loose 712 Mounted with carrier at side frame between axles add 540	Additional	\$775.00	Shipped Loose	Additional	\$775.00	
2	Air horn roof mounted	Additional	\$141.00		Additional	\$129.00		Additional	\$195.00	
3	Current Gatekeeper digital video system supplied and installed with 2 cameras	Additional	\$2,000.00	SD Card Recorder with 2 interior cameras.	Additional	\$2,078.00	Pricing for local installs	Additional	\$2,350.00	
4	Current Seon digital video system supplied and installed with 2 cameras	Additional	\$2,000.00	4 Camera DVR with hard drive with 2 interior cameras.	Additional	\$1,856.00	Pricing for local installs	Additional	\$2,250.00	
5	Pre-wiring for 2-way radio and antenna power and ground thru noise suppression switch.	Additional	\$29.00	Please provide preferred location of radio. Radio & antenna installation also available upon request.	Additional	\$252.00		Additional	\$90.00	
6	Driver's storage compartment overhead left side	Additional	\$122.00		No Charge		Standard	Additional	\$210.00	
7	Installed Zonar current GPS Tracking and Vehicle Diagnostics System with EVIR handheld device and all accessories. Include pricing for each handheld device available	Additional	\$750.00	Samsung tablet or Connect Kit extra if required. Does not include device activation from Zonar.	Additional	\$200.00	EVIR CSA Inspection Kit Samsung Tablet Active2 kit available for addition charge	Additional	\$750.00	
8	Zonar current Fleet GPS Tracking and Vehicle Diagnostics System Installed	Additional	\$510.00	Does not include device activation from Zonar.	No Charge		Standard	Additional	\$525.00	
9	Driver's clipboard storage accessible from drivers seat	Additional	\$15.00		Not Available			No Charge		
10	Traction control through ABS	Additional	\$420.00		No Charge		Standard	No Charge		
11	Limited Slip Rear Axle	Not Available			Not Available			Not Available		
12	Driver controlled differential lock	Additional	\$848.00		Additional	\$850.00		Not Available		
13	Automatic Greasers Minimum 12 grease points	Additional	\$3,450.00		Additional	\$3,400.00		Additional	\$3,450.00	
14	Allison 3000 Series automatic transmission	Additional	\$4,285.00		Additional	\$4,900.00		Additional	\$5,500.00	
15	Acoustic ceiling panels throughout	Additional	\$595.00		Additional	\$620.00		No Charge		
16	Winter front and bug screen	Additional	\$275.00		Additional	\$153.00		Additional	\$325.00	
17	Webasto Scholastic heater	Additional	\$1,310.00		Additional	\$1,800.00		Additional	\$1,620.00	
18	10R22.5 Tires instead of base 11R22.5	Additional	-\$75.00	G Rated 10R22.5 Tires	No Charge	-\$190.00		No Charge		
19	Interior mirror - 10" x 30" Mirror adjustable no windshield obstruction	Additional	\$20.00		Not Available			Additional	\$60.00	
20	Interior-Exterior intercom	Additional	\$40.00		Additional	\$149.00		Additional	\$70.00	
21	Emergency roof hatch vent with exhaust fan	Additional	\$340.00		Additional	\$386.00		Additional	\$195.00	
22	Tinted Windows throughout	No Charge		Standard item on Blue Bird Bus	No Charge		Included	No Charge		
23	Laptop and connectors with applicable programming and software including training for each style of bus purchased. ABS software.	Additional	\$2,750.00	Vantage software and ABS software included. Ford/Roush software included at no charge for Gas & Propane buses. Cummins software add 1100 Training included.	Additional	\$3,500.00		Additional	\$2,500.00	
24	Wheelchair lift specify OEM in attached documentation. Supply and install wheelchair lift with one chair position across from lift inclusive of tie down system includes Ricon lift Qstraint tie down system and floor pockets for one chair	Additional	\$8,164.00	Based on 77 Passenger size bus with 58 passenger capacity	Additional	\$6,765.00		Additional	\$6,980.00	
25	Track seating per wheelchair space	Additional	\$858.00		Additional	\$840.00		Additional	\$885.00	
26	Air operated disc brakes	Additional	\$2,470.00		Additional	\$1,800.00		Additional	\$1,500.00	
27	Integrated Child Seats/Per Seat - Attach information details	Additional	\$600.00	See file: Seats-Convertible&ChildRestraints eats.pdf	Additional	\$450.00		Additional	\$595.00	
28	Adjustable Foot Pedals	Additional	\$795.00		Additional	\$715.00		Additional	\$795.00	
29	Telescopic Steering	No Charge		Standard item on Blue Bird Bus	No Charge		Standard	Additional	\$375.00	
30	Hydraulic brake school bus with air seat and air suspension	Additional	-\$580.00	Based on a 71 Passenger bus	Additional	\$555.00		Additional	\$1,465.00	

31	Hydraulic brake school bus (no air components)	Additional	-\$500.00	Based on a 71 Passenger bus	No Charge	-\$1,000.00		No Charge		
32	Engine Upgrade - Propane (LPG) Please attach any supporting documentation.	Additional	\$5,190.00	For more information and benefits to becoming a Ford Warranty Centre for yellow and white fleet see Specifications Additional Information Item 5 and file Blue_Bird_Propane_Gas_Co mparison.pdf for technical specifications.	Additional	\$9,500.00	PSI 8.8L LPG 270HP @2600RPM	Additional	\$6,000.00	
33	Engine Upgrade - Compressed Natural Gas (CNG). Please attach any supporting documentation.	Not Available			Additional	\$39,500.00	Cummins B6.7N 240HP @2400RPM	Not Available		
34	In-service training for chassis and body maintenance procedures at Purchaser's facility	No Charge		Zone training for technicians at no charge. Individual on-site tech training 800	Additional	\$850.00		Additional	\$800.00	
35	Interior mirror 8 X 30 inches adjustable no windshield blockage	Not Available		10 x 30 interior mirror available. Add 20	Additional	\$35.00		Not Available		
36	Door handle on exterior of entry door	No Charge		Included in the base bus price. For ruggedized exterior entry door handle with lock add 35	Additional	\$35.00		No Charge		
37	Move to one body size larger with same seat count for increased knee room	Additional	\$300.00		Additional	\$1,310.00		Additional	\$700.00	
38	Pedestrian Detection System	Additional	\$970.00	Mobileye Collision Avoidance System. Please see file: Mobileye.pdf	Additional	\$1,000.00	Buswise 500K	Not Available		
39	Stop Arm Camera	Additional	\$480.00	Gatekeeper Stop Arm Camera with License Plate Recognition 990  Seon 1 Camera Stop Arm 480 2 Camera Stop Arm system 820  Stop arm camera prices are based on recorder able to accommodate extra cameras. DVR may need to be upgraded as more camera inputs maybe are required.	Additional	\$900.00	Includes License Plate Reader	Additional	\$900.00	Gatekeeper +900.00 Includes License Plate Reader. Seon +300.00 Camera Only.