

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

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	Type D RE (80+ Passenger or Maximum Capacity). All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$152,815.00	\$153,111.00	\$146,800.00
2	Type D FE (80+ Passenger or Maximum Capacity). All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$144,568.00	\$142,365.00	Type D FE is not available

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

Line Item	Body Specifications	Dynamic Specialty Vehicles		First Truck Centre Vancouver		Western Canada IC Bus Inc.	
		Yes/No	Additional Information	Yes/No	Additional Information	Yes/No	Additional Information
1	Full power steering - minimum 18" diameter steering wheel Tilt steering column telescopic	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	Yes		Yes		Yes	
3	Wheel housings to be molded type and fully covered All joints to be silicone sealed - including sidewalls and perimeter	Yes		Yes		Yes	
4	Mud flaps Installed on front and on rear wheels rubber fenderettes on all four (4) wheel wells	Yes		Yes		Yes	
5	Exterior paint to meet national school bus yellow standard black rub rails light colour interior	Yes		Yes		Yes	
6	Exterior Lettering 6" - (Purchaser name) both sides at belt line 4" - Bus # two front corners and opposite license plate rear	Yes		Yes	as required by district	Yes	
7	Exterior Lettering con't 2" - Capacity GVW (Purchaser name) on side panel back of entrance door and side panel below driver	Yes		Yes		Yes	
8	Internal signs over windshield - No Smoking - No Standeeds	Yes		Yes		Yes	
9	Body fully undercoated for noise and extended life rust and corrosion protection	Yes	Sulfonate Enhanced DTM Modified Wax coating is applied to the under body of the vehicle. This premium coating replaces the standard asphalt emulsion undercoating and will provide approximately twice the performance in highly corrosive environments where de-icing chemicals are prevalent. Coating is black in color and applied to a dry film thickness of 5-8 mils.	Yes		Yes	
10	Crossing arm deactivation switch	Yes		Yes		Yes	
11	Tinted windshield wipers dual electric with intermittent control Windshield washers with wet arm windshield washer tank 2 litres minimum	Yes		Yes		Yes	
12	Split sash side windows tinted	Yes		Yes		Yes	
13	All emergency exits to be vandal lock equipped	Yes		Yes		Yes	
14	Two (2) roof emergency escape hatches	Yes		Yes		Yes	
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	Yes	Air controlled accessories included in the base price. Electric controlled available as an option.	Yes		Yes	
16	Entrance steps covered white trimmed with assist rails right and left side	Yes		Yes		Yes	

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	
18	Noise abatement to be installed for engine firewall and driver's area	Yes		Yes	Acoustic ceiling at front & rear of the bus	Yes	
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	
20	Power to accessory side of ignition	Yes		Yes		Yes	
21	Circuit breakers	Yes		Yes		Yes	
22	Gauges for the following: voltmeter; oil pressure; water temperature; air pressure; speedometer trip odometer tachometer hour meter	Yes		Yes		Yes	
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	
24	12 volt power point in switch panel	Yes		Yes		Yes	
25	Back-up alarm	Yes		Yes	97DB	Yes	
26	Two (2) LED strobing stop arms - mounted front and rear driver's side with wind guards.	Yes		Yes		Yes	
27	Driver alert system installed on rear engine door	Yes		Yes		Yes	
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	Standard: Blue Bird's E-Z Light Check System allows drivers to check all lights with the flip of a switch.	Yes		Yes	
29	Two (2) rows of interior lights front and rear half on separate dimmer switches	Yes	Separate switches for front and rear with dimmers included.	Yes		Yes	
30	One (1) driver's light on separate switch	Yes		Yes		Yes	
31	Interior rear view mirror and sun shield. Minimum 6" to maximum 10" x 30" with no obstruction of windshield	Yes		Yes	6 x 30 inch provided 10 x 30 inch option available	Yes	
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	
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	
34	Defroster approximately 90 000 BTU capable of clearing front windows	Yes		Yes		Yes	
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	
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	
37	One (1) heater unit for driver's control area (transit type) - 10 000 BTU min.	Yes		Yes	15000BTU	Yes	
38	First Aid kit fire extinguisher flare kit all mounted in overhead compartment.	Yes		Yes		Yes	
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	
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	
41	Pre-wired power and ground thru noise suppression circuit for 2-way radio	Yes		Yes		Yes	
42	AM/FM/PA radio and CD player	Yes	AM/FM MP3 USB SD MMC BT with PA and Driver Remote Mic	Yes		Yes	
43	PA system with six (6) interior and one (1) exterior speakers separately controlled	Yes		Yes		Yes	

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

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	Yes	Thomas Built Bus 2022	Yes	International 2022
2	Engine - Min. 250 HP diesel @ 620 ft lb torque c/w engine brake Minimum must be met or exceeded	Yes	Cummins B6.7 EPA17 6.7 L Inline 6 Cylinder Turbo Diesel 250 HP/660 Lb-Ft with VGT brake	Yes	Cummins ISB 250hp Detroit DD8 and Cummins L9 Available	Yes	Cummins L9 260 HP/860 LB-FT Torque with VGT Brake **SLEEVED ENGINE**
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	7 Year Warranty on Allison Transmission	Yes		Yes	
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	16.5 x 8 5/8 rear brakes provided	Yes	
5	High capacity dry type air cleaner c/w air restriction gauge to be mounted on dash or air intake	Yes		Yes		Yes	
6	Electric block heater (min 1200 watts) external receptacle for block heater mounted in front of bus	Yes	750 watts maximum per Cummins.	Yes	750 Watt per cummins	Yes	
7	Antifreeze to -34; surge tank with sight glass	Yes		Yes		Yes	
8	Heavy duty on/off thermostatically controlled hydraulic or mechanical fan	Yes		Yes	Mechanical fan drive	Yes	
9	200 amp high output alternator low cut in	Yes	280AMP alternator included.	Yes	leece Neville 200amp	Yes	
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	
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		Yes		Yes	See Attachment for RAR & Turning Radius
12	Air suspension rear c/w levelling valve(s). Heavy duty shock absorbers.	Yes		Yes		Yes	
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. Please specify your OEM equivalent if different	Yes		Yes		Yes	
14	375 liter fuel tank located between frame rails non locking fuel filler door.	Yes		Yes		Yes	
15	Tow hooks front and rear heavy duty bumper.	Yes		Yes		Yes	
16	Battery solenoid switch to be connected to ignition switch for isolation of all of the switch panel circuitry.	Yes		Yes		Yes	
17	Diesel fired coolant pre heater (15-20 000 BTU) with 24 hour 7 day programmable timer.	Yes	Webasto heater with 24/7 programmable timer included	Yes	Webasto TSL17	Yes	
18	Heavy duty hoses to meet current coolant standards.	Yes		Yes	Gates Blue stripe standard	Yes	
19	All shut off valves are ¼ " ball type with 2 at engine block.	Yes		Yes		Yes	
22	Electronic Stability Control	Yes		Yes		Yes	
20	Engine and body diagnostics software or licensing.	Yes		Yes		Yes	
21	Service Manual for engine and chassis	Yes		Yes	Web based	Yes	

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

Line Item	Dynamic Specialty Vehicles				First Truck Centre Vancouver			Western Canada IC Bus Inc.		
	Submission 1				Submission 1			Submission 1		
	Optional Pricing	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 Mounted with carrier at side frame between axles add 540 Mount not available with pass thru compartment option.	Additional	\$800.00	Shipped Loose	Additional	\$775.00	
2	Air horn roof mounted.	Additional	\$154.00		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	Driver's storage compartment overhead left side.	Additional	\$128.00		Additional	\$115.00		Additional	\$210.00	
6	Installed Zonar current Fleet GPS Tracking and Vehicle Diagnostics System with EVIR hand held device and all accessories. Include pricing for each hand held device.	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	
7	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	
8	Drivers Clipboard Storage accessible from drivers seat.	Additional	\$15.00		No Charge		Standard	No Charge		
9	Traction control through ABS.	Additional	\$452.00		No Charge		Standard	No Charge		
10	Driver controlled differential lock.	Additional	\$893.00		Not Available			Not Available		
11	Limited slip rear axle.	Not Available			Not Available			Not Available		
12	Automatic greasers minimum of 12 grease points.	Additional	\$3,450.00		Additional	\$3,400.00		Additional	\$3,450.00	
13	Acoustic ceiling panels throughout.	Additional	\$595.00		Additional	\$750.00		No Charge		
14	Stop Arm Camera System	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 Includes License Plate Reader Seon +300 Camera Only
15	Interior mirror - 10" x 30" mirror adjustable no windshield obstruction.	Additional	\$20.00		Not Available			Additional	\$60.00	
16	Webasto Scholastic Heater	Additional	\$1,310.00		Additional	\$1,810.00		Additional	\$1,620.00	
17	Emergency roof hatch vent with exhaust fan.	Additional	\$340.00		Additional	\$300.00		Additional	\$195.00	
18	Wheelchair lift specify OEM. Supply and install wheelchair lift with one chair position across from lift inclusive of tie down system.	Additional	\$8,164.00		Additional	\$7,000.00		Additional	\$6,980.00	Braun Lift
19	Track seating per wheelchair space.	Additional	\$858.00		Additional	\$840.00		Additional	\$885.00	
20	Tinted windows throughout.	No Charge		Standard item on Blue Bird Bus	No Charge		Included	No Charge		
21	Engine upgrade - Compressed Natural Gas (CNG)	Not Available			Additional	#####	Cummins L9N 250HP engine	Not Available		
22	Pedestrian Detection System	Additional	\$955.00	Blue Bird installed Mobyleye Pedestrian Detection System	Not Available			Not Available		
23	Engine upgrade - Propane (LPG)	Not Available			Not Available			Not Available		
24	Integrated child seats/per seat. Attach information details.	Additional	\$600.00		Additional	\$450.00		Additional	\$595.00	

25	Telescopic steering.	No Charge		Standard item on Blue Bird Bus	No Charge		Included	No Charge		
26	Hydraulic brake school bus with air seat and air suspension.	Not Available			Not Available			Not Available		
27	Hydraulic brake school bus (no air components).	Not Available			Not Available			Not Available		
28	Underbody full thru luggage compartments	Additional	\$4,485.00		Additional	\$3,700.00		Additional	\$2,650.00	
29	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	
30	Laptop & connectors with applicable programming & software or licensing including training for each style of bus supplied. 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	
31	Winter front and bug screen	Additional	\$275.00		Not Available			Not Available		
32	exterior entry door handle	Additional	\$35.00		Additional	\$35.00		No Charge		
33	Extended Stop Arm	Additional	\$5,880.00		Not Available			Additional	\$5,600.00	
34	Air operated disc brakes	Additional	\$2,200.00		Additional	\$1,800.00		Additional	\$1,500.00	