

TRA22-01 - Supply and Delivery of School Buses - Quote Form - Bus Unit Price: Type D

Line Item	Bus Description	Dynamic Specialty Vehicles	Western Canada IC Bus Inc.	First Truck Centre Vancouver
		Submission 1	Submission 1	Submission 1
1	Type D RE (80+ Passenger or Maximum Capacity). All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$ 175,910.0000	\$156,450.00	\$ 170,800.0000
2	Type D FE (80+ Passenger or Maximum Capacity). All units and components must meet Federal and Provincial regulations and requirements and current D250.	\$ 166,240.0000	Not Available	\$ 158,620.0000

TRA22-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Body - Type D

Line Item	Body Specifications	Dynamic Specialty Vehicles		Western Canada IC Bus Inc.		First Truck Centre Vancouver	
		Submission 1	Submission 1	Submission 1	Additional Information	Submission 1	Submission 1
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		Yes	As required by district
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	As required by district
8	Internal signs over windshield - No Smoking - No Standaes	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	Asphalt emulsion undercoating standard full under coating for maximum corrosion resistance UnderGuard high performance undercoating is available at an additional cost. This durable wax based self-healing formula guards against moisture and abrasions from road debris
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 fiberglass 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		Yes	Acoustic ceiling at front & rear of the bus for additional noise restriction
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		Yes	97DB
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	Yes		Yes		Yes	
29	LED 8 light system non-sequential with master switch and visors	Yes		Yes		Yes	
30	Two (2) rows of interior lights front and rear half on separate dimmer switches	Yes		Yes		Yes	Separate switches for front and rear dome lamps with dimmers
31	One (1) driver's light on separate switch	Yes		Yes		Yes	
32	interior rear view mirror and sun shield. Minimum 6" to maximum 10" x 30" with no obstruction of windshield	Yes		Yes		Yes	6 x 30 inch provided
33	Right and left side primary and convex mirrors; remote adjustable Exterior convex crossover self-defrosting mounted on right and left sides	Yes		Yes		Yes	
34	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	
35	Defroster approximately 90 000 BTU capable of clearing front windows	Yes		Yes		Yes	
36	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	
37	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	
38	One (1) heater unit for driver's control area (transit type) - 10 000 BTU min.	Yes		Yes		Yes	15000BTU
39	First Aid kit fire extinguisher flare kit all mounted in overhead compartment.	Yes		Yes		Yes	
40	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	
41	Passenger seats to be seat belt ready 3x3 seating on both sides. Seats to be wall mounted on one side. All seat covers to be HD fire resistant gray vinyl.	Yes		Yes		Yes	
42	Pre-wired power and ground thru noise suppression circuit for 2-way radio	Yes		Yes		Yes	
43	AM/FM/PA radio and CD player	Yes	AM/FM MP3 USB SD MMC BT with PA and Driver Remote Mic	Yes		Yes	
44	PA system with six (6) interior and one (1) exterior speakers separately controlled	Yes		Yes		Yes	

TRA22-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Chassis - Type D

Line Item	Chassis Specifications	Dynamic Specialty Vehicles		Western Canada IC Bus Inc.		First Truck Centre Vancouver	
		Yes/No	Additional Information	Yes/No	Additional Information	Yes/No	Additional Information
1	Chassis and Body Year Engine - Min. 250 HP diesel @ 620 ft lb torque c/w engine brake Minimum must be met or exceeded	Yes	Blue Bird 2023	Yes	International 2023	Yes	Thomas Built Bus 2023
2	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	Cummins L9 260 HP/860 LB-FT Torque with VGT Brake **SLEEVED ENGINE**	Yes	Cummins ISB 6.7L 250HP 660LB/FT with VGT brake Detroit DD8 and Cummins L9 available
3	Air Brakes - Rear drum: 16½" x 8"; Front drum: 16½" x 6" with dust shields. Auto slack adjusters long stroke 5 cam type brakes. ABS included. Auxiliary Equipment tank right hand remote drain	Yes		Yes		Yes	
4	High capacity dry type air cleaner c/w air restriction gauge to be mounted on dash or air intake	Yes		Yes		Yes	
5	Electric block heater (min 1200 watts) external receptacle for block heater mounted in front of bus	Yes	750 watts maximum per Cummins.	Yes		Yes	750 Watt per Cummins
6	Antifreeze to -34; surge tank with sight glass	Yes		Yes		Yes	
7	Heavy duty on/off thermostatically controlled hydraulic or mechanical fan	Yes		Yes		Yes	Mechanical fan drive
8	200 amp high output alternator low cut in	Yes	280AMP alternator included.	Yes		Yes	
9	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	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	See Attachment for RAR & Turning Radius	Yes	6.17 rear axle ratio
11	Air suspension rear c/w levelling valve(s). Heavy duty shock absorbers.	Yes		Yes		Yes	
12	Tires - Two (2) -11R22.5 Michelin XZE 2 on front preferred Four (4) -11R 22.5Michelin XDN2 on rear preferred disc wheels 10 stud hub pilot. Please specify your OEM equivalent if different	Yes	Supplied with XZE2 front and rear. 4 XDN2 at an additional cost of 3180	Yes		Yes	
13	375 liter fuel tank located between frame rails non locking fuel filler door.	Yes		Yes		Yes	
14	Tow hooks front and rear heavy duty bumper.	Yes		Yes		Yes	
15	Battery solenoid switch to be connected to ignition switch for isolation of all of the switch panel circuitry.	Yes		Yes		Yes	
16	Diesel fired coolant pre heater (15-20 000 BTU) with 24 hour 7 day programmable timer.	Yes	Webasto 17k BTU in base bus; Optional Webasto 31k BTU 3640; Optional Espar 31k BTU and compartment 2588	Yes		Yes	Webasto TSL17
17	Heavy duty hoses to meet current coolant standards.	Yes		Yes		Yes	Gates Blue Stripe standard
18	All shut off valves are ¾" ball type with 2 at engine block.	Yes		Yes		Yes	
19	Engine and body diagnostics software or licensing.	Yes		Yes		Yes	
20	Service Manual for engine and chassis	Yes		Yes		Yes	Web based

TRA22-01 - Supply and Delivery of School Buses - Quote Form - Option Pricing: Type D

Line Item	Optional Pricing	Dynamic Specialty Vehicles			Western Canada IC Bus Inc.			Truck Centre Vancouver		
		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	\$980.00	Shipped loose. Mounted with carrier at side frame between axles add 650	Additional	\$775.00		Additional	\$800.00	Shipped Loose
2	Air horn roof mounted.	Additional	\$195.00	Option for floor mounted available at additional charge.	Additional	\$195.00		Additional	\$129.00	
3	Current Gatekeeper digital video system supplied and installed with 2 cameras.	Additional	\$2,100.00	5D Card Recorder with 2 interior cameras.	Additional	\$2,350.00		Additional	\$2,000.00	Pricing for local installs
4	Current Seon digital video system supplied and installed with 2 cameras.	Additional	\$2,270.00	4 Camera DVR with hard drive with 2 interior cameras.	Additional	\$2,350.00		Additional	\$2,000.00	Pricing for local installs
5	Driver's storage compartment overhead left side.	Additional	\$220.00		Additional	\$210.00		Additional	\$115.00	
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	\$820.00	Samsung tablet or Connect Kit extra if required. Does not include device activation from Zonar. Includes Zonar hardware surcharge.	Additional	\$850.00	Bid price is for V4 Tablet. Samsung Tablet with Locking Mount avail at 1725.00	Additional	\$700.00	EVIR CSA Inspection Kit 700 - Samsung Tablet Active3 kit available for addition charge
7	Zonar current Fleet GPS Tracking and Vehicle Diagnostics System installed.	Additional	\$615.00	*Does not include device activation from Zonar. Includes Zonar hardware surcharge.*	Additional	\$525.00		No Charge		Standard option for TB8 - Free 60 day Zonar GPS Pilot Available at request
8	Drivers Clipboard Storage accessible from drivers seat.	Additional	\$30.00		No Charge			No Charge		Standard
9	Traction control through ABS.	No Charge			No Charge			Not Available		
10	Driver controlled differential lock.	Additional	\$1,515.00		Not Available			Not Available		
11	Limited slip rear axle.	Not Available			Not Available			Not Available		
12	Automatic greasers minimum of 12 grease points.	Additional	\$3,625.00		Additional	\$3,575.00		Additional	\$3,600.00	
13	Acoustic ceiling panels throughout.	Additional	\$820.00		No Charge			Additional	\$750.00	
14	Stop Arm Camera System	Additional	\$1,000.00	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. Price reflects License Plate Recognition cameras or 2 camera Stop Arm system.	Additional	\$300.00	Bid Price is for Seon Stop Arm Cam. Gatekeeper Stop Arm Cam with License Plate Reader is 850.00	Additional	\$1,100.00	Gatekeeper - Stop arm camera with license plate reader 1100 Seon stop arm camera only 400

15 Interior mirror - 10" x 30" mirror adjustable no windshield obstruction.	Additional	\$35.00		Additional	\$60.00	Additional	\$60.00
16 Webasto Scholastic Heater	Additional	\$2,340.00	Price for Webasto 17k BTU; Optional Webasto 31k BTU 3640; Optional Espar 31k BTU and compartment 2585	Additional	\$1,650.00	Additional	\$1,900.00
17 Emergency roof hatch vent with exhaust fan.	Additional	\$610.00		Additional	\$195.00	Additional	\$440.00
18 Wheelchair lift specify OEM. Supply and install wheelchair lift with one chair position across from lift inclusive of tie down system.	Additional	\$9,060.00		Additional	\$7,180.00	Not Available	
19 Track seating per wheelchair space.	Additional	\$1,395.00	Standard on Blue Bird Bus	Additional	\$885.00	Not Available	
20 Tinted windows throughout.	No Charge			No Charge		Included	
21 Engine upgrade - Compressed Natural Gas (CNG)	Not Available			Not Available		Additional	\$53,000.00 Cummins L9N 250HP
22 Pedestrian Detection System	Additional	\$2,450.00	Mobileye Collision Avoidance System. Please see file: Mobileye.pdf	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	\$755.00	See file: Type C Blue Bird Vision Brochure.pdf	Additional	\$595.00	Additional	\$400.00
25 Telescopic steering.	No Charge		Standard on Blue Bird Bus	Additional	\$375.00	No Charge	Standard option on TBB
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	\$5,160.00		Additional	\$2,650.00	Additional	\$3,700.00
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	\$800.00	No Charge	Zone training for technicians provided free of charge - individual on site training 850
30 Laptop & connectors with applicable programming & software or licensing including training for each style of bus supplied. ABS software	Additional	\$3,000.00	Vantage software and ABS software included.	Additional	\$2,500.00	Additional	\$3,500.00
			Ford/Roush software included at no charge for Gas & Propane buses. Cummins software additional charge (annual subscription)				
			Training included.				
31 Winter front and bug screen	Additional	\$330.00		Not Available		Not Available	
32 exterior entry door handle	No Charge		Included in the base bus price. Option: Ruggedized exterior entry door handle with lock available	No Charge		No Charge	Included
33 Extended Stop Arm	Additional	\$5,880.00		Additional	\$6,850.00	Not Available	
34 Air operated disc brakes	Additional	\$3,050.00		Not Available		Additional	\$1,600.00