

TRA 26-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Body - Type D

<u>Line</u> <u>Item</u>	<u>Body Specifications</u>	<u>Dynamic Specialty Vehicles</u>		<u>Velocity Truck Centres</u>	
		<u>Submission 1</u>		<u>Submission 1</u>	
		<u>Yes/No</u>	<u>Additional Information</u>	<u>Yes/No</u>	<u>Additional Information</u>
1	Full power steering - minimum 18" diameter steering wheel Tilt steering column telescopic	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	Galvalume interior side walls
3	Wheel housings to be molded type and fully covered All joints to be silicone sealed - including sidewalls and perimeter	Yes		Yes	
4	Mud flaps Installed on front and on rear wheels rubber fenderettes on all four (4) wheel wells	Yes		Yes	
5	Exterior paint to meet national school bus yellow standard black rub rails light colour interior	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
7	Exterior Lettering con't 2" - Capacity GVW (Purchaser name) on side panel back of entrance door and side panel below driver	Yes		Yes	As required by district
8	Internal signs over windshield - No Smoking - No Standees	Yes		Yes	
9	Body fully undercoated for noise and extended life rust and corrosion protection	Yes		Yes	Asphalt emulsion undercoating standard full under coating. For maximum corrosion resistance Corashield 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	
11	Tinted windshield wipers dual electric with intermittent control Windshield washers with wet arm windshield washer tank 2 litres minimum	Yes		Yes	
12	Split sash side windows tinted	Yes		Yes	
13	All emergency exits to be vandal lock equipped	Yes		Yes	
14	Two (2) roof emergency escape hatches	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		Yes	
16	Entrance steps covered white trimmed with left side assist rails (right side optional)	Yes		Yes	Left side only
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	
18	Noise abatement to be installed for engine firewall and driver's area	Yes		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	
20	Power to accessory side of ignition	Yes		Yes	
21	Circuit breakers	Yes		Yes	
22	Gauges for the following: voltmeter; oil pressure; water temperature; air pressure; speedometer trip odometer tachometer hour meter	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	
24	12 volt power point in switch panel	Yes		Yes	
25	Back-up alarm	Yes		Yes	97DB
26	Two (2) FULLY ILLUMINATED Stop arms with strobe lights (red) stop signs (red octagon with white lettering) and wind guards. One (1) front mounted (1) rear mounted. *Please state if electric or pneumatic*	Yes	Standard Pneumatic Option Electric	Yes	Air
27	ILLUMINATED SCHOOL BUS SIGN (front and rear) approved by BC Ministry of Transportation	Yes		Yes	
28	Driver alert system installed on rear engine door	Yes		Yes	
29	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	LED Headlights	Yes	
30	Two (2) rows of interior lights front and rear half on separate dimmer switches	Yes		Yes	
31	One (1) driver's light on separate switch	Yes		Yes	
32	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
33	Right and left side primary and convex mirrors; remote adjustable Exterior convex crossovers self-defrosting mounted on right and left sides	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	
35 Defroster approximately 90 000 BTU capable of clearing front windows	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	
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	
38 One (1) heater unit for driver's control area (transit type) - 10 000 BTU min.	Yes	Yes	15000 BTU provided
39 First Aid kit fire extinguisher flare kit all mounted in overhead compartment.	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	
41 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	
42 Pre-wired power and ground thru noise suppression circuit for 2-way radio	Yes	Yes	
43 AM/FM/PA radio and CD player	Yes	Yes	
44 PA system with six (6) interior and one (1) exterior speakers separately controlled	Yes	Yes	

TRA 26-01 - Supply and Delivery of School Buses - Specification - Base Bus Specifications: Chassis - Type D

Line Item	Chassis Specifications	Dynamic Specialty Vehicles		Velocity Truck Centres	
		Submission 1		Submission 1	
		Yes/No	Additional Information	Yes/No	Additional Information
1	Chassis and Body Year	Yes	2027 Blue Bird	Yes	Thomas Built Bus - Model Year 2027
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 6.7L Inline 6 Cylinder Turbo Diesel 250HP/660lb/ft with VGT Brake	Yes	Cummins B6.7 - 260hp engine 660lb/Ft 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	7 Year Warranty on Allison Transmission	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	
5	High capacity dry type air cleaner c/w air restriction gauge to be mounted on dash or air intake	Yes		Yes	
6	Electric block heater (min 1200 watts) external receptacle for block heater mounted in front of bus	Yes	1000 watt per Cummins	Yes	
7	Antifreeze to -34; surge tank with sight glass	Yes		Yes	
8	Heavy duty on/off thermostatically controlled hydraulic or mechanical fan	Yes		Yes	
9	200 amp high output alternator low cut in	Yes		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	
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	6.50 rear axle ratio 40 foot out turn radius
12	Air suspension rear c/w levelling valve(s). Heavy duty shock absorbers.	Yes		Yes	
13	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	Kumho equivalent supplied. Micheline XZE & XDN2 available as an option.	Yes	
14	375 liter fuel tank located between frame rails non locking fuel filler door.	Yes		Yes	
15	Tow hooks front and rear heavy duty bumper.	Yes		Yes	
16	Battery solenoid switch to be connected to ignition switch for isolation of all of the switch panel circuitry.	Yes		Yes	
17	Diesel fired auxiliary heater compartment and mounting bracket ready.	Yes		No	As per ASTSBC
18	Heavy duty hoses to meet current coolant standards.	Yes		Yes	
19	All shut off valves are ¾ " ball type with 2 at engine block.	Yes		Yes	
20	Engine and body diagnostics software or licensing.	Yes		Yes	
21	Service Manual for engine and chassis	Yes		Yes	