

Form 3.17 - Requested equipment and Options, Proposer's offered equipment			
Blue Water Area Transit Proposal for Low Floor dedicated CNG, medium duty Para-Transit Buses			
Note: Certain Sections are skipped intentionally. The information requested below is essential for proposal evaluation.			
Proposal due Date is: January 8, 2025			
Part IV	Section Description	Proposed Equipment Make and Model	Offered Equipment Make and Model
Section Number			Comments
1.6.1.1	Physical Size		
	Length	Up to 30 feet	
	Width	Up to 102 inches	
	Height	Up to 12 feet 6 inches	
	Wheelbase	Up to 245 inches	
1.6.1.1	Physical size		
	Length	up to 29 feet	
	Width	up to 102 inches	
	Height	up to 12 feet 6 inches	
1.6.1.2	Underbody Clearance		
	Approach angle	no less than 10 degrees	
	Departure angle	no less than nine degrees	
	Ground Clearance	no less than ten inches	
	Axle clearance	no less than six inches	
	Wheel area clearance	no less than eight inches, fixed parts of coach no less than six and one half inches moving parts	
1.6.2.1	Curb weight	None specified, please specify offered weight	
1.6.3	Capacity	Maximized for design 15 seated and 3 wheelchairs minimum	
1.6.4.1	Service life	7 years or 350,000 miles	
1.6.4.2	Service intervals	No less than 6000 miles	
1.6.4.7	Special tools provided	Required, see specification	
2.1.2.5	Corrosion protection	Meet Mil-C-83933 or better	
2.1.21.6	Towing	Front and rear towing devices	
2.1.3.3	Rain gutters	.25 inch cross section	
2.1.3.4	License plate	Rear plate only	
2.1.4.1	Headroom	78 inches	
2.1.4.2	Drivers barrier	Required	

2.1.4.3	Drivers Storage area	Required, describe yours	
2.1.4.4	Modesty Panels	Required, describe yours	
2.1.5.1	Floor height, low floor	No more than 12 inches above street level	
2.1.5.2	Strength	3/4" , 7 ply AC Marine grade plywood	
2.1.6.1	Step, low floor	Step to floor height no higher than 12 inches	
2.1.6.2	Step high floor	No higher than 12 inches, no deeper than 11 inches	
2.1.7.1	Wheel housing	14 gauge stainless steel	
2.1.7.3	Anti spray skirts	Required, describe yours	
2.1.7.4	Mud flaps	1/4 inch composition rubber per spec	
2.1.8.3	Door, dimensions	No less than 77 inches tall and 36 inches wide	
2.1.8.5	Door height above pavement	No less than 8 inches	
2.1.8.7	Rear door, curbside	Describe option	
2.1.8.8	Road side emergency door	Describe option	
2.1.9.3	Battery compartment	Separate, vented, self draining	
2.2.1.1	Door control and interlock	Required, describe yours	
2.2.1.2	Closing force	No more than 10 pounds per square inch	
2.2.1.3	Actuator	Open, 2-2.5 seconds, close 2-3seconds	
2.2.2.1	Windshield wipers	Air or electric, intermittent style	
2.2.2.2	Windshield washers	2 gallon reservoir	
2.2.3.1	Exterior lighting	All LED as much as possible	
2.2.3.2	Service area lighting	Indicate number, type and location	
2.2.3.3	Interior lighting	Indicate number, type and location	
2.2.3.4	Drivers Lighting	Indicate number, type and location	
2.2.3.5	Fare Box Lighting	Indicate number, type and location	
2.2.3.6	Drivers controls - switches	Indicate if equipped and location	
	Keyed master switch	Indicate if equipped and location	
	Master Run Switch	Indicate if equipped and location	

	Start button or switch	Indicate if equipped and location	
	Turn signal switch, floor mount	Indicate if equipped and location	
	Turn signal switch, column mount	Indicate if equipped and location	
	Interior light switch(s)	Indicate if equipped and location	
	A/C on/off switch	Indicate if equipped and location	
	Heat on/off switch	Indicate if equipped and location	
	Instrument panel light dimmer	Indicate if equipped and location	
	Passenger chime control	Indicate if equipped and location	
	Drivers Light switch	Indicate if equipped and location	
	Hazard lamp switch	Indicate if equipped and location	
	Horn Button	Indicate if equipped and location	
	Headlamp dimmer	Indicate if equipped and location	
	Fast idle switch	Indicate if equipped and location	
	Diagnostic lamp test switch	Indicate if equipped and location	
	Door switch(s)	Indicate if equipped and location	
	Drivers Controls - Other		
	Kneeling Control	Indicate if equipped and location	
	Windshield wipers	Indicate if equipped and location	
	Wiper delay	Indicate if equipped and location	
	Windshield washers	Indicate if equipped and location	
	Defroster controls	Indicate if equipped and location	
	Parking/Emergency brake	Indicate if equipped and location	
	Transmission control	Indicate if equipped and location	
	Front door emergency release	Indicate if equipped and location	
	Destination sign controls	Indicate if equipped and location	
2.2.3.7	Instrumentation - indicator lamps		
	Low air pressure, with buzzer	Indicate if equipped and location	
	High Beam headlamp	Indicate if equipped and location	
	Right turn	Indicate if equipped and location	
	Left turn	Indicate if equipped and location	
	Hazard warning	Indicate if equipped and location	
	Low oil pressure	Indicate if equipped and location	
	Low hydraulic fluid	Indicate if equipped and location	
	High transmission Temperature	Indicate if equipped and location	
	High engine coolant temperature	Indicate if equipped and location	
	Low coolant level	Indicate if equipped and location	
	Fast idle on	Indicate if equipped and location	
	Parking brake applied	Indicate if equipped and location	
	Service brakes applied	Indicate if equipped and location	
	CNG low fuel	Indicate if equipped and location	
	Instrumentation - Gages		
	Speedometer	Indicate if equipped and location	
	Air pressure gages	Indicate if equipped and location	
	Voltmeter	Indicate if equipped and location	
	Transmission Temperature	Indicate if equipped and location	
	Coolant Temperature	Indicate if equipped and location	
	CNG pressure gage	Indicate if equipped and location	
2.3.2.2	Passenger Seats	Indicate make and model	
2.3.3.3	Wheelchair restraints	Q'straint Slide-N-Click	

2.3.4	Drivers Seat	USSC 9100ALX with arm an head rest	
2.3.5	Floor Covering	Gerflor Tarabus Apollo Kiliminjaro 4479 NT	
2.4.1.2	Drivers Window	Full slider or roll down window	
2.4.2	Side Windows	Upper "I" sliders or tilt-in	
2.4.3	Destination Sign Windows	Indicate defogging method	
2.4.4	Roof hatches	Indicate number if equipped and location	
2.5.	Insulation	Indicate Type	
2.6.1	Visors	Indicate number, type and location	
2.6.1.2	Passenger stop request	Indicate if equipped and location	
2.6.1.3	Fire extinguisher	Indicate if equipped and location	
2.6.1.4	Coat hook	Indicate if equipped and location	
2.6.1.5	PA System	Indicate make and model	
	Headsets	Indicate make and model	
2.6.1.6	First Aid Kit	Indicate make and model	
2.6.1.7	Seat belt cutter	Indicate make and model	
2.6.1.8	Security Camera Option	Indicate make and model	
2.6.2	Mirrors		
	Outside Mirrors	Indicate number, type and location	
	Inside mirrors	Indicate number, type and location	
	"Head Start" mirror option	Indicate number, type and location	
2.6.3	Passenger Assists	Indicate material type and size	
2.6.4	Exterior Route Display	Indicate make and model	
2.6.5	Fare collection		
	Fare Box	Diamond Model E-5	
	Electronic Fare Box	Indicate make and model	
	Modular Tally Counter	Indicate make and model	
2.8.	Wheelchair Loading	Indicate ramp/lift make and model	
2.8.7	Kneeling	Indicate if equipped	
2.9.	Climate control		
	Separate Heat and AC systems	Indicate if equipped	

	<i>Front heater/defroster</i>			Indicate make and model	
	<i>Main Cabin Heater</i>			Indicate make and model	
	<i>AC System</i>			Indicate make and model	
2.9.5	<i>Step/Entrance heating</i>			Indicate if equipped and type	
3.1.2.5	<i>Cooling Fan Drive</i>			Indicate drive type	
3.1.3	<i>Engine</i>			195 HP, Dedicated CNG	
3.1.3.1	<i>Spare CNG Engine Assm. OPTION</i>			Indicate make and model	
3.1.4	<i>Automatic shut down system</i>			Shut down on three fault indicators	
3.1.5	<i>Radiator</i>			5 row brass, stainless or aluminum	
3.1.6	<i>Transmission</i>			Allison -indicate model	
3.1.6.1.	<i>Spare Transmission- OPTION</i>				
3.1.7	<i>Starter</i>			Reduction gear - state make	
3.1.8.2	<i>Exhaust location</i>			Left rear (Roadside)	
3.2.1	<i>Front Axle - Non Driven</i>			Per GVWR - State make and Model	
3.2.2	<i>Rear Axle - Driven</i>			Per GVWR - State make and Model	
3.2.3	<i>Front Wheel Drive Offering</i>			Per GVWR - State make and Model	
3.3.2.1	<i>Air springs</i>			Two front, two rear	
3.3.2.2	<i>Shock Absorbers</i>			Two front, two rear	
3.3.3	<i>Non Air suspension</i>			Indicate make and model	
3.4.2	<i>Turning radius</i>			35 feet, state offered radius	
3.4.3	<i>Turning effort</i>			No less than 21" wheel, 5 turns lock to lock	
3.5.1.1	<i>Service Brakes</i>			4 wheel disc or combination with drum Air or Hydraulic system Premium non-asbestos friction material Automatic slack adjusters	
3.5.1.3	<i>Hubs and Drums</i>			Oil bath hubs, 15 1/2x6" minimum shoe size	
3.5.1.4	<i>Other braking systems</i>			Describe type and operation	
3.5.2.1	<i>Air Compressor</i>			Indicate make and model	
3.5.2.2	<i>Air Governor</i>			Bendix D2	

3.5.1.3	<i>Air lines</i>		Color coded SAE J844 Type 3B Nylon		
3.5.2.4	<i>Remote Air-up fittings</i>		One Front, one rear		
3.5.2.5	<i>Remote mount air compressor</i>		Indicate make and model		
3.5.2.6	<i>Air Dryer</i>		Spin on cartridge style		
3.5.2.5	<i>Air reservoirs</i>		SAE J110B and SAE J813 compliant		
3.5.2.6	<i>Air Gages</i>		Primary and secondary gages		
3.5.3	<i>Parking Brake</i>		FMVSS 121 compliant		
3.6.1	<i>Wheels</i>		Steel per GVWR		
3.6.1.1	<i>Aluminum wheel -Option</i>		Aluminum per GVWR		
3.6.2	<i>Tires</i>		Transit Grade per GVWR		
3.7.1	<i>CNG System</i>		Per Section 5.0 and NFPA 52		
3.7.2	<i>Diesel Fuel system</i>		Ultra low sulfur and B20 capable		
3.8.2	<i>Front Bumper</i>		Energy Absorbing FMVSS 215 compliant		
3.8.3	<i>Rear Bumper</i>		Energy Absorbing FMVSS 215 compliant		
3.9.1	<i>Electrical System</i>		12 or 24 volt DC system		
3.9.5	<i>Multi-plexed systems</i>		Indicate make and model if offered		
3.10.2	<i>Batteries</i>		No less than 2, Group 31, 900 amp hour		
3.10.3	<i>Master Battery switch</i>		Positive battery cable disconnect		
3.10.5	<i>Fire Detectors and Fire suppression</i>		Indicate make and model		
3.10.7	<i>Radio Noise Suppression</i>		Indicate make and model		
3.12.	<i>Radios - two way</i>		Motorola CDM 1550-LS+, with antenna		
3.12.1	<i>Radio - spare two way option</i>		Motorola CDM 1550-LS+, with antenna		
3.12.2	<i>AM/FM/CD Radio</i>		Indicate make and model		
3.13.	<i>Bike Rack</i>		Sportsworks three position Velo Porter Three		
3.13.1	<i>Spare bike rack option</i>		Sportsworks three position Velo Porter Three		
	<i>END FORM 3.17</i>				

