

Annex B – Lot Response Form

Proposed Public Transit Bus

Complete a separate form for each bus proposed in response to Lot A and Lot B, providing the requested information in the spaces provided. Supporting information, such as specification sheets, brochures, and vehicle certifications, should be included but may not be in lieu of providing complete responses in the Lot Response Form. In the event such documents are included, they must be clearly referenced in the relevant response field and appended to the submission.

1. Product Description

Describe the bus proposed for fulfillment of Lot A or B. The description should include an overview of the vehicle and how it is best suited for the Bermuda context. For electric drivetrains please include a description of the charging infrastructure.

2. Mandatory Technical Requirements

Category	Component	Minimum Requirements	Specifications of Proposed Vehicle
Overall Dimensions	Height	Single Deck Up to 2.980m	
	Width	Up to 2.300m	
	Length	9.300m	
	Capacity	16-24 passengers seated	
Bus Envelope	Body construction and materials	Must be able to withstand a coastal, marine environment for 10 years	
	Windows	Sliding windows for ventilation in passenger compartment	
	Driver Orientation	Right Hand Drive	
Range	Electric	150 km at full passenger capacity with air conditioning	
Climate Control	Environment Specification	Air conditioning capable of maintaining interior temperature at or below 21 degrees C when fully loaded with passengers, exterior temperature of 30 degrees C, relative humidity 80% and passenger doors opening every five minutes	
Fueling	Electric Charging	Baseline charging must happen in a depot setting	
	Diesel Fuel	Compatible with US EPA Ultra Low Sulphur Diesel	
Interior	Front and side DDA compliant destination signs		
	Operator intercom		
	Push button bells and “next stop” display		
	Passenger grab rails and handles		

3. Operational and Technical Details

For each category below, please describe the relevant features of the proposed bus including information about the specific details of interest identified in bullet. Responses shall answer each category separately and in the order below. Reference supplemental information where required and attach in fixed form.

Drivetrain

- Engine type
- Transmission type
- Axle Manufacturer
- Axle ratio

Driving Characteristics

- Turning radius (m)
- Approach angle
- Departure angle
- Noise and vibration levels and dampening
- Automatic or manual gearbox
- Breaking System
- Suspension System

Emissions

- Emissions given low-speed operation
- Emissions after treatment system details and performance in low speed environment
- Details of exhaust after treatment under low-speed operations

Fuel Efficiency

- kWh per km for an electric drivetrain
- kWh per hour for air conditioning on an electric drivetrain (given environmental specifications outlined above)
- L per km for a diesel drivetrain
- L per hour for air conditioning on a diesel drivetrain

Accessibility

- Preference for:
 - Low floor
 - Buggy/wheel chair bay
 - Designated priority seating

Informational Devices

- Rear LED route number sign
- Options for passenger information display

Annex B – Lot Response Form

Video Surveillance

- Cameras located to cover front entrance, driver area and front windshield, left side of bus inclusive of bus entrance and boarding queue and rear of bus (exterior inclusive of rear bumper view)
- Camera(s) to cover the complete interior of the bus preferably mounted near the rear of the bus facing forward
- All cameras interconnected with a digital recording device

Maintenance Schedule

- A, B, and C schedules
- Scope of work and intervals for each schedule
- Consumables, costs, and person hours
- Up time/ bus availability
- Major parts replacement schedules and costs
- Parts supply chain

Doors

- Placement
- Opening direction

Charging Infrastructure (if applicable)

- AC or DC power supply
- Power required per plug
- Number of plugs
- Plug standard
- Is there an overhead charging option and if so, which standard?
- Time to fully charge battery from 20% to 100%, and power required to do so

4. Costs

Category	Component	Costs of Proposed Vehicle
Ex-Works and Landed Costs	Bus cost including any options required to meet the requirements	
	Additional costs for any options that are recommended	
	Freight	
	Insurance	
	Loading and unloading	
	Battery cost (if applicable)	
	Charging infrastructure costs (if applicable)	

Annex B – Lot Response Form

Expected Annual Operations Costs		
	Maintenance and repairs	
	Itemized pricing for recommended spares	
	Consumables required for the first 12 months	
	Training	

5. Timeline

Category	Timeline of Proposed Vehicle
Availability of first bus	
Rate of bus delivery including any seasonal variability to deployment schedules	
Maintenance schedules	
Timing and expected mileage of battery replacement (if applicable)	