



Request for Information

Battery-Electric Buses and Charging Infrastructure – Jamaica

Issue Date: 4 November 2025

1. Purpose of the Request for Information

The Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) under the NDC-TEC Programme funded by the International Climate Initiative (IKI) and implemented by GIZ, is preparing for the procurement of battery-electric buses and associated charging infrastructure for an initial pilot serving tertiary institutions in Jamaica. This initiative supports the broader objectives of the NDC-TEC Project – Supporting the Implementation of Nationally Determined Contributions (NDCs) in the Caribbean: Transforming the Transport and Energy Sectors Towards a Low-Carbon and Climate-Resilient Future – More Project Information may be obtained [HERE](#).

The CCREEE invites information from potential suppliers on available battery-electric bus models, their technical specifications, warranties, pricing, and maintenance provisions to inform the preparation of formal procurement documents and discussions for Jamaica's Pilot Design and Validation Workshop. This Request for Information (RFI) is a pre-procurement activity to gauge interest and help the project teams better understand the range of electric buses available on the market which may be deployed in the pilot serving tertiary institutions in Jamaica. Responses will be used to inform the pilot design and prepare future tender documents. This RFI is not a tender or an invitation to bid.

2. Vehicle Classes of Interest

- Battery-electric shuttle or campus buses
- Battery-electric mid-size transit buses (intra-city applications)
- Battery-electric full-size transit buses (inter-city or extended urban applications)

Respondents are encouraged to share details of any models suitable for institutional transport operations in Jamaica. No specific routes or duty cycles are prescribed at this time; suppliers should indicate the available models, configurations, and performance ranges.

3. General Company Information

- Company name, registered address, and contact details.
- Company's experience in supplying electric vehicles (years in business, geographic reach, etc.).
- Overview of your company's capabilities and any relevant certifications or partnerships (e.g., sustainability certifications, EV-related recognitions, etc.).

- Relationship with Original Equipment Manufacturer (OEM) of vehicles being proposed.
 - Is company authorized directly by OEM to supply vehicles to Saint Lucia? If not, please state the arrangement (independent/unofficial supplier, broker, via regional master supplier).

4. Electric Vehicle Models and Specifications

A. **Model/Make**

- Provide the make and model of each battery-electric bus available for supply to Jamaica.

B. **Vehicle Configuration**

- Class of bus (shuttle / mid-size / full-size)
- Seating capacity (seated only)
- Low-floor or high-floor design

C. **Range and Battery Specifications**

- Battery chemistry and usable capacity (kWh)
- Real-world driving range per full charge in urban/peri-urban conditions with full passenger load and air conditioning
- Expected battery life and warranty (years and/or km)
- Battery thermal management approach

D. **Performance and Efficiency**

- Rated motor power (kW) and peak torque (Nm)
- Maximum gradeability or incline angle (to indicate hill-climb performance under full load)
- Include details on acceleration, top speed, and energy consumption (e.g., miles per kWh or other relevant measures)

E. **Charging Infrastructure Requirements:**

- Charger type (AC or DC) and recommended power rating per bus
- Electrical requirements (voltage, phase, maximum current draw)
- Supported communication and interoperability standards (CCS, GB/T, SAE J1772, OCPP, etc.)
- Specify the recommended charger for each bus model.
- Whether managed charging / smart charging is supported
- Estimated charging times

F. **Safety and Compliance:**

- Safety features (braking systems, electrical isolation, fire suppression, etc.)
- Applicable international vehicle and electrical safety standards

G. **Technology Features:**

- Navigation systems
- Connectivity
- Driver assistance
- Any other advanced features.

H. **Telematics and Data**

- Available vehicle monitoring and reporting features

- Ability to share operational data (energy consumption, SoC, fault codes) with project partners for pilot monitoring

I. Customization Options

- Branding and livery options
- Interior layout and accessibility features

5. Pricing Information (Optional)

- Estimated pricing for each model, including any bulk purchase discounts.
- Estimated pricing for each recommended charger
- Additional costs related to vehicle delivery, registration, and any other associated fees.
- Payment terms.
- Estimated cost of ownership (e.g., annual maintenance costs, expected service life).

Please note that specific pricing would be desirable but not mandatory for this pre-procurement phase. Suppliers may provide budgetary pricing or price ranges. All cost information is indicative and for planning purposes only.

6. Warranty and Service Terms

- Vehicle warranty period and coverage (years / km)
- Battery warranty period and coverage (years / km / state-of-health)
- Terms for extended warranties or service agreements.
- Information on maintenance packages, including frequency, cost, and whether service can be performed locally or through authorized service centres.
- Replacement policies for critical components such as batteries, motors, etc.
- Availability of spare parts and lead times for critical components
- Training for Jamaican technicians, mechanics, and drivers
- Indicate whether service manuals and parts catalogues can be provided to the tertiary institutions.

7. Maintenance and Support Services

- Description of after-sales service capabilities, including local availability of parts and support.
- Availability of training for fleet operators and maintenance staff.
- Support for fleet management (e.g., software systems to monitor vehicle performance, tracking, charging status).
- Availability of remote support and fleet management systems
- Confirm that manuals and parts catalogues will be made available to the tertiary institutions.

8. Lead Times and Availability

- Estimated delivery timelines from order to final delivery.
- Lead times for additional or customized vehicle configurations.
- Availability of vehicles for pilot testing or demonstration purposes.

9. References and Case Studies

- Please provide references or case studies of similar electric vehicle projects with public or private sector entities, particularly those with large-scale fleets or long-term contracts.
- Customer testimonials or feedback. (Optional)

10. Compliance and Regulatory Information

- Compliance with relevant vehicle, electrical, and safety standards
- Battery recycling and end-of-life management practices.

11. Submission Instructions

Please submit your responses to this Request For Information along with vehicle specification sheets by **28th November 2025** via email to procurement@ccreee.org.

Should you have any questions or need further clarifications, feel free to contact the CCREEE at procurement@ccreee.org.

Your response will be kept in strict confidence by the CCREEE and GIZ and used solely for informational purposes in preparation for Jamaica's electric bus pilot procurement for tertiary institutions.

12. Disclaimer

This Request for Information (RFI) does not constitute a request for proposal, quotation, or invitation to bid. No contract will be awarded as a result of this process. The CCREEE and its partners reserve the right to use the information received to inform subsequent tender preparation. Responses to this RFI will not disadvantage suppliers in any subsequent tender.