

Part 2: Specification

Contract Reference: RBGKEW1017

 Electric Buggy for Learning & Participation department at Kew Gardens

(This document is for information)

1. **Summary**

RBG Kew is looking to purchase an electric buggy.

Model required - 4-seater electric buggy with cargo bed

We are seeking quotations for the vehicle with an optional annual service. The inclusion of the annual service is dependent upon the cost and available budget

This document details the requirements for both the buggy and the annual service.

1. **Background**

Royal Botanic Gardens, Kew (‘RBG Kew’) is a world-famous centre for botanical and mycological knowledge. With our two inspiring gardens at Kew in west London and Wakehurst in Sussex, we enchant our visitors with the wonder of plant diversity. This requirement is for Kew Gardens only.

1. **4-seater electric buggy with cargo bed**
	1. **Machine Specification**

This is a unit that will primarily be driven on paved surfaces, with occasional dirt track or short grass usage.

Battery: minimum requirement – lead acid battery; preferred requirement (cost dependent) – lithium battery

Charger: 48V output

Motor power: minimum requirement – 5KW AC

Passenger capacity: 4

Max loading weight: minimum requirement – 400kg

Body & frame: includes roof, windshield with wiper

Lights: 2 headlights, 2 rear lights, 2 turn signals

Horn: horn, reversing alarm

Cargo box: minimum requirement 1400mm x 1200mm x 300mm; preferred requirement 1700mm x 1200mm x 300mm or larger

* 1. **Warranty**

All machinery must be provided with a minimum 2 year manufacturer’s warranty

* 1. **Delivery**

Delivery to the RBG Kew, Richmond, Surrey TW9 3AE by 31/03/2022.

1. **4-seater electric buggy with cargo bed, plus yearly service**
	1. **Machine specification**

As above

* 1. **Warranty**

As above

* 1. **Delivery**

As above

* 1. **Servicing**

Travel to RBG Kew, Richmond, Surrey TW9 3AE and undertake annual servicing for first four years