# Appendix 1 - Vehicles and Equipment Specification

## Introduction

* + 1. London Buses Limited has invested in improvements to its fleet over the last 6 years and as part of this contract will be actively supporting Service Providers whose vehicles meet or exceed the following specifications.
    2. The following specification sets out the minimum standards required, alternatives offered should be clearly identified and will be subject to evaluation against the requirement.

## Inspection Process

DaR may inspect vehicles against specification and compliance of all legislation regarding road worthiness at any time.

## Vehicle Specification

* + 1. The vehicle should be able to demonstrate it was designed or modified for use as a DaR vehicle suitable for the carriage of people who cannot otherwise access mainstream transport.
    2. The preferred option is of low floor design for at least the majority of its length and be capable of carriage of wheelchairs in the low floor area.
    3. Styling should be of a modern image and provide an appearance that links care of the environment with sound operational requirements.
    4. Vehicles must conform to all relevant current legislation and take into account any intended legislation changes that would impact the quality of the service within the 1st year of contract.

## Dimensions and Capacities

Vehicle operated must fall within the following requirements:

* + 1. Be able to access all locations across London
    2. Vehicle capacity “Overall capacity (includes demountables and wheelchairs) 8 passengers.”
    3. Vehicles with 2 wheelchair positions plus 6 ambulant passengers are preferred; however vehicles with 1 wheelchair space with at least 7 ambulant passengers are acceptableThe design and seat layouts to be approved by DaR prior to contract.

## Chassis/Engine

* + 1. Ultra low sulphur diesel or Bio diesel fuel.
    2. The preferred specification is for engines to achieve Euro 5 by design or exhaust after treatment fitment. Alternative specifications that comply with LEZ will be acceptable.

## Gearbox

Fully automatic transmission is preferred, set to economy settings for environmental considerations; however manual transmissions will also be acceptable.

# Body shell and Structure

* + 1. Fire Retardancy – Vehicles and their component parts should be able to achieve Class 1 fire retardancy as a minimum. A statement should be provided on levels achieved as part of this tender response.
    2. Noise insulation and vibrations – The maximum acceptable level of noise in the interior saloon and exterior noise characteristics is 74DB.

## Seating

Forward facing seats are the preferred layout except where the chassis design necessitates inward or rearward facing. Seating layout diagrams must be provided with the bidder’s response and should include luggage space for shopping bags or sholleys.

# Notices Labels, signs or logo’s

Provisions to be made for the fitting of free issue interior and exterior vinyl’s or notices as provided by DaR.

## Special Equipment

Wheelchair restraints systems: A written response is required as to the type of restraints system utilised on the proposed vehicles: DaR operates a passport scheme with information directed at the safe and secure restraint of most wheelchairs types available on the market today. The restraints system employed must demonstrate total flexibility in this area.

## On board Communications

A statement is required within the tender response on the type of communication available to the driver for the purpose of contacting customers or depot in case of unforeseen occurrences.

## CCTV

The fitment of CCTV is preferred on all vehicles used on this contract. Coverage of areas such as entrance door steps and saloon seating are considered mandatory. This captured evidence can be vital in some instances covering incident investigations.

## Vehicle locations /Tracking systems

Vehicles equipped with location/tracking systems are considered preferable. A statement on type and operational dimensions should be included in the tender response.

## Cleaning

As part of the service provided all vehicles will be free from interior dirt build up, rubbish and dust. The exterior of the vehicles shall be maintained to a high standard (see section 4).