

Bicycle Specification

Performance Specification for South African Post office Bicycle

1. Specification

This specification covers the requirements for a heavy-duty postman's mail delivery bicycle capable of performing over variable types of terrain in all weather conditions whilst carrying a maximum static load of 25 kg.

Part	Requirements
Frame	The size of frame to accommodate the size of the mail and the postman/women taking into account the rough terrains Color Post Office Red – Pantone Equivalent 485C Heavy Duty frame is required
Tube	The type of Tube that will reduce puncture/downtime. (Heavy-duty car type valve)
Tyres	Heavy duty type that will reduce puncture/downtime
Rim	Optimal rims (Front and Rear) that would prevent corrosions with maximum strength to sustain different rough terrains across South Africa.
Rim Spoke	Optimal Rims Spokes(Front and Rear) that would cater for all rough terrains within south Africa
Axle Type	The type that of Axle that would accommodate the different rough terrains within South Africa.
Braking Mechanism	Type of braking mechanism is used to avoid accidents and bring the bicycles to a halt
Warning device	A warning device shall be fitted to each bicycle; it shall comprise of a bell
Mudguards	The mudguards shall be stays and mounted to the bicycle frame.
Reflectors	A red reflector shall be fitted to the rear mudguard and shall be secured.
Seat	Type of Seat used for ergonomics purposes i.e. comfortable
Guarantee/warranty on the Frame	The bidder shall offer a guarantee of a 5 year period on the frame only.

Bicycles should be provided in line with the samples provided when testing of bicycles per bidder.