

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 |
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| 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.