Item No	Item Description
1	240 LITRE CHARCOAL or GREEN
2	140 LITRE ASSORTED COLOURS (BLUE, GREEN, RED AND YELLOW)

4.12 TECHNICAL SPECIFICATIONS OF THE 240 AND 140 LITRE BINS

Technical specifications of 240 Liter Wheeled Waste Bins

Description	Requirement
Capacity	240 liter
Height	1080mm
Width	580mm
Mass	Approximately 15kg
Wheel Diameter	200mm
Color	Charcoal for domestic and green for commercial

Technical specification of 140 Liter Wheeled Waste Bins

Description	Requirement
Capacity	140 liter
Height	1060mm
Width	472-482 mm
Mass	Approximately 11.2kg
Wheel Diameter	200mm
Color	Assorted colours (Blue, green, red and yellow)

SPECIFICATIONS

4.1 COMPLIANCE

To comply with the SANS 1494:2014 standard for 240L and 140L wheeled waste bins.

4.2 MATERIAL USE

HDPE – Virgin High-density Polyethene stabilised against ultraviolet light attack. Resistant to chemicals and manufactured from raw materials.

4.1 CONTAINER BODY

Injection-moulded with a consistent wall thickness of 5 mm across all bins. The container body must have a reinforced lifting lip and must be compatible with existing bin lifting mechanisms fitted on Pikitup's refuse compactor vehicles.

4.2 LIDS

Injection-moulded lids must be reinforced, durable, and pre-assembled, as per SANS1494:2014.

4.3 WHEEL HUB

The wheel hub must be injection moulded as per SANS 1494:2014.

4.4 TYRES

The tyres must be solid pressed rubber, and of first grade only as per SANS 1494:2014. The tyres must fit easily and firmly onto the axle.

4.5 HINGE PIN

The hinge pins must be injection moulded as per SANS 1494:2014.

4.6 AXLE

The axle must be solid steel, galvanised, and chrome plated as per SANS 1494:2014.

4.7 COLOUR FOR WHEELED WASTE BINS

The colour of the body and lids must be charcoal for domestic 240L bins or green for commercial 240L bins.

Assorted colours for 140L wheeled bins (Blue, green, red and yellow colours will be ordered as and when required).

4.8 APPEARANCE

All moulded parts must not show foreign substances, colour streaks, blow holes, shrinkages, and cracks.

4.9 FRONT ACCEPTANCE LIFTING LIP

The lifting lip of the container must be reinforced on the locking lip. The design should be fully compatible with the approved lifting mechanism.

4.10 BIN LABELLING

4.10.1 The Bins must be clearly labelled with the letters PIKITUP in white colour. The font size must be 100mm high and 20mm wide, positioned at the centre front of the bin.

4.10.2 All bins must contain a sequential serial number clearly labelled on the top side of the body. The font size of the serial number must be 10mm high and 10mm wide, in white.

4.10.3 No marketing material, such as stickers with the bidding company logo and name, should appear on the bin.

4.10.4 Pikitup will provide a sequential number range that will link the bin to the service provider.