

Specification for a waste bin

Item	Requirement
Size	<p>Small 10 L</p> <p>Medium 30 L</p> <p>Large 65 L</p> <p>Note: Dimensions are subjected to manufacturer's proposal modifications.</p> <p>Required Capacity shall be achieved</p>
Type	<p>Pedal operated bin without wheels</p> <p>1. Container</p> <p>Container shall have sturdy shape and shall be easy to clean. It shall resist warping, impacts and decay, and shall have smooth inner and outer surface, leak-proof base, internally round edges and duly reinforced top edge. The wall of the container shall be uniform and metallic accessories shall be of Stainless Steel (304 grade).</p> <p>2. Lid</p> <p>Lid shall be connected to the container by means of at least two hinge points and pedal mechanism for hand free operation and also shall be incorporated to open the lid. The pedal mechanism shall have front operated foot pedal flap to raise the lid to 75 to 90 degrees with silent closing feature.</p> <p>3. Mechanism for gripping for safe movement</p> <p>A mechanism shall be designed for safe movement and transportation of the bin. It shall be strong enough for the purpose. Cut out handles shall not be permitted. The mechanism shall allow for the safe and injury free gripping of the container</p>
Manufacturing and mechanical requirements	<p>Any component of the bin shall be free from imperfections such as blisters and pits have maximum dimension of greater than 2mm, cracks, crazing, scratched lines and foreign materials etc.</p> <p>The colour of the components shall be uniform and compatible with each other. Mold seams and weld lines shall not be visible. All the metallic parts</p>

	<p>shall be smooth.</p> <p>The lid and container be designed that the lid is properly fitted with the container and it shall be possible to open the lid easily, without significant effort or inconvenience.</p>
Shape	Square shaped bin
Gauge	>3 mm
Material	Virgin plastic (LLDPE) and the material shall be environmental friendly – 100% recyclable
Colour	Yellow, Black, Blue, Orange, Red, Green (Colours of National colour code for waste segregation)
Warranty	One year manufacture warranty and annual renewable service warranty
Impact resistance (Drop test)	<p>Container shall survive without damage of the container, lid or pedal mechanism while drop test carried out on closed empty bin from the height of 1.0 m. Test shall be carried out on rigid surface at ambient temperature.</p> <p>This test shall be carried out on each corner of the bottom of the bin.</p>