

# Revised & Detailed Technical Specifications for Twin Stainless-Steel Dustbins (40 Litres Each)

Last date for submission: 07th May 2026

The technical specifications for the manufacture, supply, and installation of Twin Stainless-Steel Dustbins are hereby elaborated and shall be complied with as detailed below:

## 1. General Description

- The dustbin unit shall consist of **two independent stainless-steel bins** mounted on a common supporting frame.
- The design shall be suitable for **segregation of waste (e.g., wet and dry waste)**.
- The unit shall be designed for **outdoor public use**, ensuring durability, stability, and ease of maintenance.

## 2. Capacity & Dimensions

- **Capacity:**
  - Each bin shall have a **minimum capacity of 40 litres**.
- **Shape:**
  - Cylindrical design for uniform strength and ease of cleaning.
- **Size:**
  - Dimensions shall be proportionate to achieve the specified capacity while ensuring ergonomic usability.
- **Lid:**
  - Each bin shall be provided with an individual **well-fitted stainless-steel lid** to prevent odour, pest entry, and rainwater ingress.

## 3. Material Specifications

- **Bin Body Material:**
  - Stainless Steel **Grade SS 202 (minimum)**.
- **Thickness:**
  - Minimum **1.0 mm thickness** for the bin body.
- **Frame Material:**
  - Entire supporting structure shall also be made of **stainless steel**, ensuring uniform corrosion resistance.
- **Fasteners (if used):**
  - Nuts, bolts, and washers shall be of **stainless steel** to prevent rusting.

## 4. Structural Frame & Support

- The frame shall:
  - Be **robust, rigid, and capable of supporting fully loaded bins** without deformation.
  - Be designed to **hold both bins securely in position**.
- The structure shall ensure:
  - Proper load distribution
  - Resistance to tilting or toppling
- The height of the unit shall be **ergonomically designed** for easy usage by the public.

## 5. Base Plate & Installation

- The unit shall be provided with a **stainless-steel base plate** for permanent installation.
- The base plate shall:
  - Have **pre-drilled holes** compatible with **M10/M12 anchor bolts**
  - Be of adequate thickness to ensure **firm anchoring to concrete surfaces**
- Installation shall include:
  - Proper alignment
  - Secure fixing to avoid movement, theft, or vandalism

## 6. Bin Fixing Mechanism

- The bins shall be attached to the frame using:
  - **Stainless steel flats, rings, or brackets**
- Fixing shall be:
  - Either **welded or mechanically clamped**, ensuring firm holding
- The design shall allow:
  - **Easy removal or handling** for cleaning (if applicable)
- **Optional Feature:**
  - Provision of a **tilting mechanism** for easy emptying of waste without manual lifting

## 7. Lid Design

- Each bin shall be fitted with a:
  - **Durable stainless-steel lid**
- The lid shall:
  - Fit properly to prevent spillage and exposure
  - Be easy to open/close
  - Be resistant to bending or damage

## 8. Surface Finish

- The bins and frame shall have one of the following finishes:
  - **Matte finish / Hairline finish / Mirror finish**
- The finish shall ensure:
  - Aesthetic appearance
  - Resistance to corrosion and environmental exposure
- The surface shall be:
  - Smooth, uniform, and free from scratches, dents, or discoloration

## 9. Safety Features

- All edges, corners, and joints shall be:
  - **Rounded and smooth-finished**
- There shall be:
  - **No sharp edges or burrs** that may cause injury
- The structure shall be safe for **public handling and continuous use**

## 10. Fabrication & Workmanship

- Fabrication shall be carried out using:
  - Standard engineering practices and quality workmanship
- Welded joints shall be:
  - **Continuous, strong, and neatly finished**
- All surfaces shall undergo:
  - **Proper grinding and polishing** for a refined finish
- The overall product shall be:
  - Structurally sound and visually uniform

## 11. Leak-Proof Construction

- The bottom of each bin shall be:
  - **Fully sealed and leak-proof**
- There shall be:
  - No gaps, pores, or weak joints that allow liquid leakage
- Suitable reinforcement (if required) shall be provided to ensure durability

## 12. Durability & Performance

- The unit shall be designed to:
  - Withstand **outdoor environmental conditions** including rain, sunlight, and humidity
  - Resist **corrosion, wear, and minor impacts**
- The product shall have a:
  - Long service life with minimal maintenance requirements

## 13. Marking / Identification (Optional)

- Provision may be made for:
  - Colour coding or labelling for waste segregation (e.g., wet/dry)
- Labels, if provided, shall be:
  - Durable and weather-resistant
- **Branding for the Airports Authority of India is a must**

## 14. Compliance

- The supplied dustbins shall strictly comply with:
  - The above specifications
  - Applicable quality and safety standards

### Note

This corrigendum elaborates and replaces only the technical specifications for Twin Stainless-Steel Dustbins.

All other terms, conditions, and provisions of the original RFQ shall remain unchanged and applicable.

**Important Conditions:**

*(To be read along with the Corrigendum – Technical Specifications for Twin Stainless-Steel Dustbins)*

**1. Compliance to Specifications**

- The supplied dustbins shall strictly conform to the revised technical specifications mentioned in the corrigendum.
- Any deviation shall lead to rejection of the material.

**2. Material Quality Assurance**

- The bidder shall ensure the use of Stainless-Steel Grade SS 202 (minimum) with specified thickness.
- Proof of material quality (such as test certificates/invoices) may be required at the time of inspection.

**3. Workmanship & Finish**

- All bins shall be manufactured with high-quality workmanship, ensuring smooth finishing, proper polishing, and absence of sharp edges.
- Poor finishing, dents, or visible defects shall not be accepted.

**4. Leak-Proof Guarantee**

- The bins must be completely leak-proof.
- Any leakage observed during inspection or use shall be grounds for replacement at supplier's cost.

**5. Structural Stability**

- The frame and base shall be robust and stable, capable of handling full load without deformation or tilting.
- Improper or weak structures shall be rejected.

**6. Installation Responsibility**

- The supplier shall be responsible for proper installation, including fixing with M10/M12 anchor bolts.
- The installed unit shall be firm, aligned, and ready for use.

**7. Fixing & Mounting Mechanism**

- Bins shall be securely fixed using stainless steel fittings (flats/rings).
- Loose or unstable fixing shall not be accepted.

**8. Inspection & Acceptance**

- The material shall be subject to inspection by the authorized officer/department before acceptance.
- Only materials meeting all specifications shall be approved.

**9. Durability Requirement**

- The product shall be suitable for outdoor conditions and resistant to corrosion, weather, and regular wear and tear.
- Premature damage or corrosion shall result in rejection/replacement.

**10. Replacement Clause**

- Any defective, damaged, or non-compliant unit identified during inspection or within the warranty period shall be replaced by the supplier at no additional cost.

**11. Uniformity in Supply**

- All supplied units shall be uniform in size, design, material, and finish as per approved specifications.

**12. Optional Features (If provided)**

- If a tilting mechanism is provided, it shall be smooth, durable, and easy to operate without compromising structural strength.

**Note:**

These conditions are supplementary to the revised technical specifications.

All other terms and conditions of the original RFQ remain unchanged.