



MUMBAI PORT SUSTAINABILITY FOUNDATION

Ballard Estate, Mumbai – 400001

Tender No.2026/MPSF/Tend/06

Dated: 05 March 2026

TENDER NOTICE

Mumbai Port Sustainability Foundation, a company registered in India under Section-8 of the Companies Act, invites bids from eligible bidders for procurement and installation of Reverse Vending Machines (RVMs) for plastic bottles and aluminium cans, as per details given below:

- 1. Name of Work: Supply and Installation of Reverse Vending Machines (RVMs) for collection and recycling of plastic bottles and beverage cans at identified locations in Mumbai Port areas.**
- 2. Last Date for Submission: 26th March, 2026 by 1600 hours.**
- 3. Mode of Submission: Bids in sealed covers shall be submitted physically at Mumbai Port Sustainability Foundation, 3rd Floor, Sustainability House (old ABB Building), Goa Street, Ballard Estate, Fort, Mumbai-400001 or by Post / Courier, so as to reach Mumbai Port Sustainability Foundation before due date. The responsibility of intime submission lies with bidder. In case of delayed submission or delay in transit/ post / courier, the bid shall summarily be rejected.**
- 4. Scope of Work:**
 - a. Supply and Installation of Reverse Vending Machines at locations identified by Mumbai Port Sustainability Foundation.
 - b. Machines should be capable of accepting multiple sizes of plastic bottles and beverage cans, with inbuilt sorting, compaction and IoT-based monitoring features (such as bin-fill/ level alerts, real-time operational status updates, detailed error notifications, transaction information and interactive user interface features).
 - c. Comprehensive maintenance for all units for 3 years, including warranty from the date of installation.
- 5. Technical Specifications of RVMs:**
 - a. RVMs should accept plastic bottles and aluminium/ other cans.
 - b. Bottle/ can recognition system integrated with weight sensor for accurate identification of deposited items, with mechanism of rejection, if unintended heavy material is inserted.
 - c. Minimum storage capacity: 1000 bottles/cans per machine.
 - d. Equipped with interactive touch screen/camera for user interface, capable of issuing receipt/reward/thank-you message upon successful deposit.

- e. User interface should support multiple languages, including English, Marathi and Hindi.
 - f. IoT-enabled system with data logging, remote monitoring and reporting features.
 - g. Connectivity: LAN and Wi-Fi.
 - h. Easy integration with third-party applications via API.
 - i. Weather-proof design suitable for outdoor installation, resistant to humidity, sunlight, rain and dust.
 - j. Power consumption: Single phase, 2–4 units per day.
 - k. Approximate space requirement: 2 sq. m per machine.
 - l. Customizable colour and external design as per requirements.
 - m. Anti-jamming mechanism: Equipped with auto-reverse feature to clear blockages caused by unintended or rigid materials, ensuring uninterrupted operation.
 - n. Recognition/ credit/ reward slip / mechanism
6. **Eligibility Criteria for Bidders:** The bidder should have minimum 2 years' experience in Installation of Reverse Vending Machines or similar automated waste collection systems. Documentary proof such as work orders, completion certificates, and payment releases must be submitted.
7. **Payment:** Payment for installation shall be released within 7 days from commissioning of the machines
8. **Tender Submission Guidelines and Conditions:**
- a. The tender must be submitted in two-sealed cover system: technical proposal in one cover "Technical" and financial proposal in another cover marked "Financial". Both Technical and Financial covers should be placed in a third cover specifying tender number and date of opening.
 - b. The sealed cover superscribing tender number and date of opening should reach Mumbai Port Sustainability Foundation, 3rd Floor, Sustainability House (old ABB Building), Goa Street, Ballard Estate, Fort, Mumbai-400 001.
 - c. The technical cover should contain detailed specifications of the machines, sensors, IoT features, weather protection properties, supported by product leaflets and proof of experience.
 - d. The financial cover should contain only the price quote for installation, commissioning and comprehensive maintenance for 3 years.
9. For any clarification, this office may be contacted by email: mumbaiport@portofsustainability.org or by phone: 022-66564073 / 48151645.

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