

Memo No. SUDA-11014(24)/1/2026/ 6079

Date: 29.07.2026

:: EXPRESSION OF INTEREST (EOI) ::

Supply, Installation, Operation and Maintenance of Reverse Vending Machines (RVMs) with Cloth Bag Dispensing System

Applications are invited from agencies/startups/ NGOs/ social enterprises/ organizations interested in ‘Supply, Installation, Operation and Maintenance of Reverse Vending Machines (RVMs) with Cloth Bag Dispensing System for Collection of PET Bottles in Urban Local Bodies of West Bengal’.

➤ **Expected Outcomes:**

The project is expected to:

- Increase recovery and recycling of PET plastic bottles.
 - Promote behavioral change among citizens.
 - Reduce littering of plastic waste.
 - Encourage adoption of reusable cloth bags.
 - Support implementation of Plastic Waste Management Rules and Swachh Bharat Mission (Urban).
 - Strengthen circular economy initiatives in Urban Local Bodies.
- Details of the Scope of work and other details are annexed.
- Interested organizations are requested to submit their profile, experience, proposed business model, and implementation plan to wbsudatenders@gmail.com only.
- Last date for submission of application is **06.08.2026** (05:30 evening). Other details are available at website <https://www.sudawb.org/> and <https://www.wburbanservices.gov.in/>.
- For further details or submission-related queries, interested organizations may contact Sri S. K. Mishra (Mob.: 98367 23252) or Sri K. Mahata (Mob.: 9002424713).

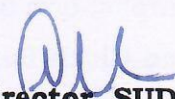

Director, SUDA

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Copy forwarded for information to:

1. FA, SUDA
2. Sri S. K. Mishra, EE, SUDA
3. Sri L. Das, LDC may kindly arrange to publish the EOI on the 03 Newspaper and display the same on the SUDA/ Deptt. website for wide publicity.
4. Sr. PS to Additional Chief Secretary, UD & MA Department, Govt. of West Bengal
5. Private Secretary to Hon'ble MIC, UD & MA Department, Govt. of West Bengal


Director, SUDA

The coupon shall indicate:

- Date & Time
- Machine ID
- Number of PET bottles deposited
- Coupon Value
- QR Code/Barcode/Unique Serial Number

The issued coupon shall be redeemable at designated distribution counters for obtaining reusable cloth bags of prescribed quality.

The mechanism for redemption may be:

- Immediate dispensing through an integrated vending mechanism; or
- Redemption through authorised distribution centres identified by the concerned ULB.

D. Software & Monitoring

The agency shall provide:

- Centralized cloud-based monitoring platform.
- Dashboard for SUDA and ULB officials.
- Live monitoring of machines.
- Bottle collection statistics.
- Coupon generation and redemption records.
- Machine health status.
- Alerts for storage capacity, power failure and faults.

E. Operation & Maintenance

The selected agency shall:

- Operate the machines during the contract period.
- Ensure regular removal of collected PET bottles.
- Maintain cleanliness around machines.
- Undertake preventive and breakdown maintenance.
- Ensure minimum uptime of 95%.
- Replace defective components without additional cost during the maintenance period.

4. Locations

Initially, Reverse Vending Machines shall be installed at prominent public locations such as:

- Major Markets
- Municipal Markets
- Bus Terminals
- Railway Stations (subject to permission)
- Shopping Areas
- Public Parks
- Government Offices
- Tourist Locations
- Other locations identified by SUDA/ULBs

The number and location of machines shall be decided by SUDA.

5. Technical Specifications (Indicative)

The Reverse Vending Machine should preferably have:

- Weather-resistant enclosure suitable for outdoor installation.
- Minimum storage capacity of 300–500 PET bottles.
- Automatic bottle recognition system.