

Amritsar Smart City Limited

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Invitation for Expression of Interest (EOI) for Design, Supply, Installation, Operation and Maintenance of Reverse Vending Machines with SMS Based Couponing System and for Disposal of Produce for Recycling for a Period of Five years at Various Locations in Amritsar City

Background

Amritsar City with 1.13 million population as per 2011 census and is the spiritual and cultural center for the Sikh religion "Home to the Harmandir Sahib" (commonly known as the Golden Temple). The Amritsar City is also famous for most popular destination for Non-Resident Indians (NRIs) in the whole of India. The city is also known for its rich cuisine, culture, and for the Jallianwala Bagh massacre in 1919 under British Rule. Hence, it is visited by a number of tourists from others Cities, States and Countries.

The Amritsar Smart City Limited is planning to introduce "**REVERSE VENDING MACHINES WITH SMS BASED COUPONING SYSTEM**" at various public places with a view to encourage people to use smart and environment friendly means for disposal of PET bottles/ Aluminum Cans etc. Hence, ASCL invites Expressions of Interest from reputed and financially sound Companies/ Firms for the Designing, Supplying, Installing, Operating and Maintaining the *Reverse Vending Machines(RVMs) with SMS based Couponing System and for Disposal of Produce for Recycling*.

General Description of Work and General Terms:

1. The sites for the RVMs shall be identified and proposed by selected vendor within the Municipal boundary of Amritsar City.
2. The Contractor shall be responsible for the following works:
 - a) Design, Supply, Installation, Operation and Maintenance of 40 RVMs (Approximately);
 - b) Collection of scrap/ flakes at regular intervals generated from the RVMs for recycling; and
 - c) Annual Operation and Maintenance of the RVMs for a period of 5 years.
3. All the RVMs shall be maintained in usable condition through regular and periodical maintenance by the agency throughout AMC period. In case of any breakage/ damage, the breakage/ damaged equipment shall be repaired/ replaced within two days, at contractors own cost during AMC period.
4. The Specifications/ features of the RVMs should be as follows. The list is not exhaustive and the RVMs may also have other features also:
 - a) The machine should be able to accept and crush PET Bottles/ Aluminum Cans, etc of capacity 100 ml to 2500 ml;
 - b) Front side Bottle/ Aluminum Cans feeding;
 - c) Volume reduction of more than 85% of the PET Bottles/ Aluminum Cans;
 - d) Shred Capacity of more than 90 items per hour;
 - e) Collection Bin should have storage capacity of more than 500 crushed bottles of 2 litre size;

- f) If other than PET bottles/ Aluminum Cans are fed, the RVM should show product mismatch/wrong feed & dump it through a conveyer or suitable mechanism in a separate dump bin;
 - g) Interactive Response System for sending a message on the mobile or issue a coupon against each item inserted;
 - h) Display Language should be Punjabi, Hindi and English;
 - i) There should be a Reward Management System with the provision of user registration/ creation of Login Ids for frequent users;
 - j) The Machine should be robust, safe, and portable and should be able to run on battery.
5. The Contractor shall be responsible for Five years of Operation and Maintenance of the Machines which will include preventive maintenance, replacement of damaged/ worn out parts, accessories, monthly reports of performance of machines, deployment of adequate manpower to create public awareness about RVMs, running of machines for minimum 12 hours per day and proper disposal of waste to the recyclers. The scope of Operation and Maintenance is only indicative and may be enhanced.
 6. There will be Quality Control and Monitoring Systems to be incorporated at each location which can be tracked from Control Command Centre.
 7. The Contractor should ensure that collection and disposal of scrap is in accordance to the highest level of contemporary rules and guidelines including Plastic Waste Management Rules (as amended up to date) and also as per State Pollution Control Board norms.
 8. The firms interested are required to get through knowledge of city potential and relevant policy/laws applicable.
 9. Penalty: For non-performance and non-maintenance of the RVMs, there will be provision of appropriate penalties to be imposed on the Contractor.

Pre-qualification Criteria*

The Company/Firm should:

1. Be manufacturer/ authorized dealer of the Reverse Vending Machines for not less than 3 years.
2. Be a Company/ Firm registered as per the Indian Laws.
3. At least 10 RVMs of the Company/ Firm should be in running condition for more than one year and 5 machines for more than 2 years, operating across at least three different locations.
4. Have registered under the GST laws.

*Criteria mentioned in this document is not exhaustive and is subject to modifications

Presentation

Shortlisted Companies/ Firms shall be contacted to make a presentation to ASCL in the month of October 2018 on aspects mentioned in the Request for Information below.

Request for Information

Information on the following may be sent as part of the Expression of Interest, or provided as part of the presentation to ASCL by those shortlisted. The response to the Request for Information is not part of the pre-qualification criteria:

1. Description, set-up and operation of the RVMs by the Company/ Firm.
2. The description of model of participation with government agencies on similar projects.
3. Details of arrangement with the City Government for the operations.
4. Details of the systems in operation and bids in India and nature of Service Level Agreement.

5. Details of collaboration with an Indian Company, if applicable
6. Client certificates regarding satisfactory handling of such projects, with reference names from within your customers.
7. At least one Reverse Vending Machine is to be exhibited at the time of presentation.

Expression of Interest Format

The interested Companies/ Firms are invited to send their Expression of Interest in the following format:

1. Covering letter on the Company's/ Firm's letterhead.
2. Contact information of the Company/ Firm with email address, phone number, postal address of the Head Office and all branch offices along with name of the representative.
3. Organization profile including details of incorporation, strength, and constitution.
4. Names and designation of the heads of the organization and institutional structure
5. Annual turnover for the last three financial years.
6. Details of the other same and/ or similar works performed.
7. Brief plan for procurement of required assets/ major items of equipment expected to be used for operations.
8. Brief description of various financial models for the Work. Preference will be for PPP Financial Model.

Submission

1. Expressions of Interest along with the format and necessary documents **should be sent to ceoasclar@gmail.com** with the Subject: "*Eoi for Design, Supply, Installation, Operation and Maintenance of Reverse Vending Machines with SMS Based Couponing System and for disposal of Produce for Recycling for Period of Five years at Various Locations in Amritsar City*" **not later than 3rd October 2018 6:00 PM.**
2. Companies/ Firms should keep checking www.smartcityamritsar.com for any addenda/ corrigenda/ updates.
3. For any clarifications, applicants may contact Procurement Expert, ASCL through email ceoasclar@gmail.com or phone number 0183-5015048.

**Chief Executive Officer
Amritsar Smart City Ltd.**