



**Municipal Corporation OF Delhi**  
**Office of the Executive Engineer-(E&M)/HQ-I**  
**Room No. 406-A, 4th Floor, E-I Block,**  
**Dr. SPM Civic Centre, Minto Road,**  
**New Delhi-110002**

**EoI No.EE(E&M) HQ-I/MCD/ENGG./2025-26/204**

**Dated: 12.03.2026**

**NOTICE INVITING EoI**

Issue of EoI Notice	12.03.2026at1630hours
Document Download/Submission Start Date	12.03.2026 at1630hours
Discussion and clarification Meeting	19.03.2026 at1400hours
Document Download/Submission End Date	27.03.2026 at1500hours
Opening of EoI responses	28.03.2026 at1600hours
Presentation / technical interaction with shortlisted agencies/firms	To be intimated separately

FOR ONLINE TENDERING TIME TABLE PLEASE REFER [http:// www.etenders.gov.in/eprocure/app](http://www.etenders.gov.in/eprocure/app). The Ex. Engineer (E&M) HQ-I invites on-line Expression of Interest (EoI) tenders on behalf of the Commissioner, MCD for the under mentioned work as per time table. The same will be opened as per schedule above [https:// www.etenders.gov.in/eprocure/app](https://www.etenders.gov.in/eprocure/app) by Ex. Engineer (E&M) HQ-I.

S.N.	NAME OF WORK	Tender amount	Earnest Money	Tender Cost + GST @18% inclusive	Online Tender ID
1.	Expression of Interest (EoI) from interested agencies for "Feasibility study for Mechanized Sweeping of roads less than 10 meters right of way (RoW) and adoption of Mechanized Road Sweepers of suitable configuration for MCD roads.	N/A	N/A	N/A	2026_MCD_270669_1

Note: -

1. If any of the above dates happens to be a public holiday, the corresponding activity shall be carried out on the next working day at the same time.
2. Any corrigendum / amendment shall be uploaded only on CPP portal <https://etenders.gov.in> and shall form part of the EoI. No corrigendum/ addendum will be published in any newspaper.
3. Discussions and clarifications related to the EoI will be conducted in the office of the Chief Engineer (E&M)-III, Room No. 1004, 10th Floor, E-I Block, Dr. SPM Civic Centre, Minto Road, New Delhi-110002 on 19.03.2026 at 1400 hours.

**Ex. Engineer (E&M)HQ-I**  
**E-mail:-[ee.enm.edmc@gmail.com](mailto:ee.enm.edmc@gmail.com)**

**Copyto:-**

1. AllConcerned

**Signature Not Verified**

Digitally signed by Jatin Verma  
Date: 2026.03.12 16:09:23 IST  
Location: eProcurement System for Central PSUs

**Expression of Interest (Eoi)**

For

**“Feasibility study for mechanized sweeping of roads less than 10 meters right of way (RoW) and adoption of mechanised road sweepers of suitable configuration for MCD roads”**



**Municipal Corporation of Delhi  
Dr. S.P.M. Civic Centre  
New Delhi - 110002**

## **A. Background**

As per the directions of the Commission for Air Quality Management (CAQM) dated 10.02.2026, all roads in Delhi are required to be swept through mechanized means on alternate days in order to minimize road dust and related air pollution. In compliance with these directions, a plan for mechanized sweeping of roads having RoW between 18 meters and 10 meters is also under implementation subsequent to its approval by GNCTD under Grant-in-Aid (GIA).

Further, as per CAQM guidelines, small-size Mechanical Road Sweeping Machines (MRSMs) with hopper capacity of less than 1 m<sup>3</sup> and operating width of less than 2 meters are recommended for sweeping roads with RoW of less than 10 meters. In this regard, it is pertinent to mention that the Municipal Corporation of Delhi (MCD) has been deploying mechanized road sweeping for several years on roads having RoW greater than 18 meters, i.e., roads under PWD, as an initiative to keep such roads dust-free.

However, for road stretches with RoW less than 10 meters, the continuous and safe operation of standard MRSMs is highly constrained due to limited manoeuvring space, frequent encroachments, on-street parking, high pedestrian movement, and mixed traffic conditions etc..

In view of these operational challenges, there is a need to explore specially designed compact mechanical sweeping solutions for such narrow roads. This may be undertaken through a structured feasibility study followed by pilot deployment under actual field conditions, in order to evaluate their technical suitability, operational efficiency, and cost-effectiveness before considering large-scale adoption.

## **B. Objective and Scope of the requirement:**

In order to address this requirement and to move towards the mandate of the Commission for Air Quality Management (CAQM) for mechanized sweeping of all roads, the Municipal Corporation of Delhi (MCD) intends to invite Expression of Interest (EOI) from interested agencies, service providers, or manufacturers with similar experience in mechanical road sweeping equipment's or working in this field. The purpose of the EOI is to identify suitable partners to undertake the following:

### **i) Feasibility Study:**

The scope under this covers conducting assessment on ground for feasibility of deployment of Mechanical Road Sweeping Machines (MRSMs) on roads having RoW less than 10 meters across any of the 12 zones under MCD jurisdiction, covering the following:

- a) Mapping and identification of some of the suitable/representative narrow road stretches forming a lot where at least one MRSMs can be suitably & effectively utilised
- b) Analysis of traffic patterns, encroachments, parking constraints, and operational challenges on the selected stretches
- c) Selection & recommendation of MRS machine based on size, turning radius, dust capture efficiency, and safety requirements with suitability and utility on the selected stretches
- d) Any other data/requirement mandatory for effective mechanised sweeping on roads having RoW less than 10 meters

### **ii) Type and Configuration of Machines Recommendations:**

After identifying potential stretches through the feasibility study, recommend suitable types/configurations of MRSMs, including:

- a) Technical specifications (Manoeuvrability, approach to edges of roads, dimensions, capacity, sweeping mechanism etc.)
- b) The type of fuel suggested must be Electric/CNG.

- c) Deployment strategy (routing, staffing, operating hours, integration with manual sweeping required/not)
- d) Techno-economic utility, viability and scalability potential for wider adaptation.
- e) The Proposed MRS machines are at least PM 10 compliant.
- f) As per CAQM guidelines, small-size Mechanical Road Sweeping Machines (MRSMs) with hopper capacity of less than 1 m<sup>3</sup> and operating width of less than 2 meters are recommended for sweeping roads with RoW of less than 10 meters.

iii) **Conclusion of the study:**

- a) Technical discussions / presentations will be held with the prospective stakeholders. During these technical discussions / presentations, the MCD may also add other stake holders who could add value to the decision-making on the various technical aspects and evaluation criteria.
- b) The MCD may invite for Demonstration of the shortlisted machinery/solution if seems required.
- c) The detailed report mentioned in the feasibility study outcome, economics for implementation, challenges, availability of the manufacturer / service providers for the proposed solution and machinery etc. will pave way for pilot project with initial 5 such bunch of stretches.

**C. Instructions to the bidders:**

- a) This EOI is only for a technical feasibility study of suitable MRSM technologies/configurations for roads less than 10 m width; no payment or work award is envisaged at this stage.
- b) The Interested bidders/participants are encouraged to select/choose at least 05 bunch stretches of minimum length of 20 KM of that particular zone.
- c) Any Interested bidders dealing in line may participate in EOI process; there will not be any eligibility criteria to shortlist the bidders.
- d) As an outcome, MCD aims to identify generic technical approaches and indicative specifications for compact MRSMs for narrow roads; a separate RFP/tender may be issued later at MCD's discretion.
- e) Bidders should familiarize themselves with typical narrow-road conditions in Delhi and submit practical, field-oriented concepts at their own cost and responsibility.
- f) No claims or compensation shall be entertained for participation in this EOI or for concepts submitted; all proposals and documents shared with MCD may be used by MCD for planning and future tendering.
- g) MCD reserves the right to accept or reject any or all EOI responses, to cancel or modify the EOI at any time, or to proceed in any other manner it deems appropriate, without assigning any reason and without any bidder.
- h) Any future RFP/tender, if issued, may have modified scope, eligibility criteria and conditions, and that participation or shortlisting in this EOI will not give any preference, advantage or vested right in such future processes.
- i) All reports, concepts, feasibility notes, presentations, and other documents submitted to MCD shall become MCD's property and may be used for planning, policy, and future tenders, with due acknowledgement but without any separate fee.
- j) All costs for preparation, submission, visits, surveys, data collection and presentations shall be borne entirely by the bidder and that MCD will not be liable for any such expenses under any circumstances.
- k) The Zone wise road length of roads less than 10 meters is Part of this EOI at table A.

**D. Formats for submission:**

The EOI document can only be downloaded online from <https://etenders.gov.in/eprocure/app> and not available manually. Anyone can download this document. The interested agencies/firms which are not registered in online tendering with MCD shall have to register itself first and then only they can participate in the bids. The procedure for registration can be seen at <https://etenders.gov.in/eprocure/app> or [www.mcdonline.gov.in](http://www.mcdonline.gov.in).

1. The Bidder shall submit an undertaking along with the technical bid stating that:  
*“Each document submitted by me/us (name of the firm) is true and authentic to the best of my/our knowledge. In the event of any misrepresentation of data/facts in respect to the work of this EOI, coming to the notice of the department at any stage, our firm (name of the firm) shall be liable for suitable action by the department as deemed fit, but strictly be barred from participation directly/in-directly in relation of this work” (Scanned copy to be uploaded at the time of submission of technical bid).*

**Table A: - Zone-wise approximate details of Road Length.**

S. No	Zone	Total Length (km)	Good Condition (km)	Proposed Redevelopment (km)
1.	SZ	416.37	320.21	96.16
2.	WZ	306.07	250.3	55.77
3.	CNZ	599.77	589.76	10.01
4.	NGZ	723.65	709.93	13.72
5.	SNZ	109.74	67.94	41.8
6.	SSZ	272.05	215.36	56.69
7.	CLZ	469.95	459.71	10.25
8.	RZ	301.3	288.46	12.84
9.	KPZ	270	241.12	28.88
10.	KBZ	112.07	102.06	10.01
11.	NZ	447.5	419.8	27.7
12.	CSPZ	337.8	317.18	20.62
	<b>Total</b>	<b>4366.27</b>	<b>3981.82</b>	<b>384.45</b>