

BRIHANMUMBAI MUNICIPAL CORPORATION

Solid Waste Management Department

3rd Floor, Municipal Khatav Market Building, Opposite Avishkar Building, Khatavwadi, Sleater road, Grant Road (W), Mumbai-400007

Expression of Interest

for Selection of Urban Planning / Architectural Firms for Finalisation of Location and Spacing of Litter Bins on Roads having Footpaths across the Wards of Mumbai

Preamble:-

The Brihanmumbai Municipal Corporation (BMC) serves a population of about 1.25 crore, together with a floating population of about 35.00 lakh, generating a large quantum of municipal solid waste every day. Keeping the city's roads, footpaths and public places clean and litter-free is a core function of the Solid Waste Management (SWM) Department.

The Collection & Transportation (C&T) contracts awarded by the BMC for Solid Waste Management envisage installation of twin litter bins (one for dry waste and one for wet waste) on roads having footpaths, to be installed, maintained and serviced by the concerned C&T contractor for the entire contract period. As per the present tender conditions, one such set of twin litter bins is required to be installed at every 100 metres on each road having a footpath, based on an indicative ward-wise requirement, subject to the contractor's own on-ground survey.

On implementation across the Wards, the Administration has observed that a uniform spacing norm of 100 metres does not adequately reflect the varied character of Mumbai's roads and footpaths. On several stretches — particularly narrow footpaths, residential lanes with low footfall, or roads running along open spaces — installation of bins at every 100 metres results in avoidable clutter, obstruction to pedestrian movement and an unaesthetic streetscape. Conversely, on stretches with heavy pedestrian and commercial activity, such as market areas, transport hubs, commercial high streets and institutional precincts, bins placed 100 metres apart are found to be inadequate and result in overflowing bins and littering.

The Administration therefore intends to have the location and spacing of litter bins on every road having a footpath, in every Ward of Mumbai, professionally assessed and rationalised by a qualified Urban Planning / Architectural firm, in place of the present uniform 100-metre norm, so that bin placement is need-based, contextual, and consistent with good urban design practice, while continuing to ensure that no part of the city is left inadequately served.

Strategic Objectives:-

As Mumbai continues to densify and its streetscapes evolve, street furniture including litter bins needs to be planned in a manner that balances functional adequacy with the pedestrian experience, the character of the street, heritage and commercial

precincts, and ease of maintenance. Placement decided on a uniform distance basis alone does not achieve this balance. There is, therefore, a need for a structured, survey-based and professionally designed methodology for deciding the location and spacing of litter bins, Ward by Ward, road by road.

Through this assignment, the BMC seeks to achieve rationalised and contextual placement of litter bins that reduces unnecessary street clutter, improves the pedestrian and streetscape experience, ensures adequate bin availability in high-footfall / high-generation stretches, prevents overflowing of bins and littering, and results in a defensible, well-documented, Ward-wise bin location and spacing plan that can be adopted uniformly by all C&T contractors across Mumbai.

Engagement of Professional Urban Planning / Architectural Firm:-

To achieve the above objectives, the BMC proposes to engage a professional Urban Planning / Architectural firm or organisation with demonstrated expertise in streetscape design, urban design and planning of street furniture / public infrastructure, to survey all roads having footpaths across the Wards of Mumbai and finalise the location and inter-se spacing of litter bins to be installed thereon. The detailed eligibility criteria and scope of work are set out below and shall also be made available on the BMC Portal.

Scope of Work:-

(a) Overall Scope

- 1) Undertake a comprehensive, Ward-wise field survey of all roads having footpaths across all the Administrative Wards of Mumbai, recording road width, footpath width and condition, pedestrian footfall, nature and intensity of commercial / institutional / market activity, presence of existing litter bins and community collection points, and any site constraints (hawking zones, bus stops, heritage precincts, narrow lanes, etc.).
- 2) Review the present tender specifications and the indicative Ward-wise requirement of litter bins under the ongoing C&T contracts, and assess the suitability of the uniform 100-metre spacing norm in light of the survey findings.
- 3) Recommend a rationalised, need-based spacing methodology and criteria (e.g., pedestrian density, commercial activity, waste generation potential, and road character) for deciding bin locations, in place of a single uniform distance, while ensuring no stretch remains inadequately served.
- 4) Prepare Ward-wise and road / stretch-wise maps, schedules and geo-tagged (GPS-located) lists indicating the exact proposed location and spacing of each set of twin litter bins, ensuring placements do not obstruct pedestrian movement, hawking zones, building access, utilities or road safety sightlines.
- 5) Ensure that all recommendations remain consistent with the technical specifications of the twin litter bins (dry and wet, natural stone construction, approx. 40 litre capacity each) already prescribed under the C&T contracts, and coordinate with the concerned Ward / Assistant Engineers and existing C&T contractors for verification and ground-truthing of proposed locations.

- 6) Prepare a GIS-based digital database / layer of the finalised bin locations, in a format compatible with BMC's systems, capable of being shared with and adopted by the respective C&T contractors for actual installation.
- 7) Present draft Ward-wise recommendations to the BMC for review and incorporate the Department's comments before submission of the final report.

(b) Period of Engagement

The agency will be engaged for a period of 6 (six) weeks from the date of issue of the work order, consisting of functions broadly as follows:-

- i. Mobilisation and finalisation of survey methodology
- ii. Ward-wise field survey and data collection (all Wards)
- iii. Analysis of survey data and preparation of draft Ward-wise litter bin location & spacing plan
- iv. Consultation with Ward / Assistant Engineers and existing C&T contractors
- v. Incorporation of comments and submission of final Ward-wise report with GIS-tagged maps and schedules
- vi. Hand-holding support to MCGM / C&T contractors during initial implementation

Expected Output (Deliverables):-

At the end of the assignment, the firm/ agency is expected to have delivered the following:

- 1) A Ward-wise survey report covering all roads having footpaths in every Ward of Mumbai.
- 2) A rationalised, road / stretch-wise litter bin location and spacing plan, Ward-wise, supported by GIS-tagged (GPS) location data.
- 3) A justification note recording the criteria and methodology applied, including the basis on which spacing has been varied from the present uniform 100-metre norm on specific stretches.
- 4) A digital database / GIS layer of the finalised bin locations in a format usable by BMC and shareable with the respective C&T contractors for implementation.
- 5) A final consolidated report covering all Wards, with maps, tables and photographic documentation, along with periodic progress reports during the course of the assignment.

Pre-Qualification and Shortlisting Criteria:-

As a pre-qualification, the applicant must fulfil the following criteria to be eligible to apply. Applicants which do not meet the following qualifying criteria shall be rejected at the first stage:-

1. The applicant should be a firm/company/LLP/partnership registered or incorporated in India, or an autonomous/ academic institution, having urban planning, urban design or architecture as one of its core areas of practice.
2. The applicant should possess at least 10 years of experience in urban planning / urban design / architecture, of which a minimum of 5 years should be in streetscape design, urban infrastructure planning or public space / street-furniture planning in urban India.
3. The applicant, over the past 5 years, should have executed at least 3 (three) assignments relating to streetscape design, urban furniture / street-furniture placement planning, public space planning, or solid-waste infrastructure planning, for a Central / State Government body, Urban Local Body, Municipal Corporation, or Public Sector Undertaking, at least one of which should be for a city with a population exceeding 50 lakh, along with satisfactory completion certificates from the respective clients.
4. The applicant should have adequate staff strength and experts with relevant experience and professional qualifications, and should furnish complete details of the proposed experts along with an undertaking regarding their availability throughout the project period. The core team to be deployed for the assignment should comprise, at a minimum :
 - a. One Team Leader — Urban Planner / Architect with at least 10 years of experience in urban design / streetscape planning.
 - b. One GIS / Mapping Expert with at least 5 years of experience in GIS-based urban infrastructure mapping.
 - c. One Solid Waste Management / Environmental Engineer with relevant field experience.
 - d. Field surveyors / associates in adequate numbers for Ward-wise data collection across Mumbai.
5. The applicant should have the necessary in-house resources, including GIS software, survey equipment and technical manpower, to independently execute the field survey, mapping and reporting required under this assignment.
6. The applicant should have a full-fledged office in Mumbai / Navi Mumbai / Thane (MMR) with adequate infrastructure and technical / professional personnel.

Disqualifications:-

The BMC may, at its sole discretion and at any time during evaluation of the proposal, disqualify any applicant under the following circumstances:

1. The applicant has submitted the proposal after the response deadline;
2. The applicant fails to disclose involvement in any litigation that may impact or compromise delivery of services under this Expression of Interest and the resultant contract;

3. The applicant has made misleading or false representations in the forms, statements or attachments submitted with the Expression of Interest;
4. The applicant has a record of poor performance, such as abandoning works, failing to complete contractual obligations, inordinately delaying projects, or financial failure, in any assignment during the preceding five years;
5. The applicant has submitted a proposal that is incomplete, not accompanied by the required documents, or is otherwise non-responsive;
6. The applicant fails to provide clarifications sought by BMC within the stipulated time;
7. The applicant fails to disclose any blacklisting by a Central / State Government body, Public Sector Undertaking, or autonomous organisation under Central / State Government;
8. The applicant has submitted the proposal along with a financial bid, this being an Expression of Interest for shortlisting purposes only;
9. Any form of canvassing or attempt to influence the evaluation process.

Submission of Application:-

The applicant shall submit the proposal, giving details as indicated below, in hard copy and soft copy (in CD / pen drive, PDF format), in a sealed and clearly marked envelope, addressed to the Office of Chief Engineer (Solid Waste Management), BMC 3rd Floor, Municipal Khatav Market Building, Opposite Avishkar Building, Khatavwadi, Sleater road, Grant Road (W), Mumbai-400007, superscripted with the following identification :

"Expression of Interest (EOI) for Finalisation of Location and Spacing of Litter Bins across the Wards of Mumbai, Brihanmumbai Municipal Corporation (BMC)"

- i) Name and registered address of the firm / organisation.
- ii) Details of the contact person(s) with mobile number(s) and email.
- iii) Statement of purpose, in not more than 1500 words, outlining the applicant's understanding of the assignment.
- iv) A profile of the firm clearly setting out its domain-specific expertise / experience in urban planning, urban design or streetscape planning.
- v) Turnover for the last three financial years, as per audited Balance Sheet, clearly showing earnings from urban planning / design-related activities.
- vi) Profile and CVs of the key professionals (core team) proposed for the assignment, along with an undertaking regarding their availability for the entire project period.
- vii) Key achievements of the organisation, with details of similar assignments executed, supported by completion / satisfaction certificates.
- viii) Details of experience of working with Government / Urban Local Body organisations, especially in urban infrastructure, streetscape or solid waste management-related assignments, and experience of working with international organisations, if any.

- ix) Details of awards or other recognition, if any, received for urban planning / urban design work from Government or industry associations.
- x) The applicant's initial understanding of the nature and scope of the assignment, and the resources it possesses that, in its opinion, make it particularly suited to execute the assignment.
- xi) Non-refundable processing fee of Rs.1,000/- payable to "BMC" through an Accounts Payee Bank Draft.

Important Instructions:-

1. This Expression of Interest is intended only for identification and shortlisting of eligible Urban Planning / Architectural firms and does not, by itself, constitute a financial offer or a concluded contract.
2. The MCGM reserves the right to accept or reject any or all Expressions of Interest, or to cancel this EOI process at any stage, without assigning any reason and without incurring any liability to the applicants in this regard.
3. Shortlisted firms may subsequently be required to participate in a detailed Request for Proposal (RFP) process, including technical and financial evaluation, before final selection and award of the assignment.
4. Canvassing in any form shall lead to disqualification of the applicant.

Last date for submission of EOI : 14/10/2026 at 16:00 PM

Address for submission / clarifications : [Office of Chief Engineer (Solid Waste Management), BMC 3rd Floor, Municipal Khatav Market Building, Opposite Avishkar Building, Khatavwadi, Sleater road, Grant Road (W), Mumbai-400007, contact number:23876841, email- che.swm@mcgm.gov.in

This EOI is also available on the MCGM Portal: www.mcgm.gov.in

Sd/-
Chief Engineer
(Solid Waste Management) BMC