

**BRIHANMUMBAI MUNICIPAL CORPORATION**

**Solid Waste Management Department**



Expression of Interest

for

**Construction and operations of Smart Public Toilets in Brihanmumbai Municipal Corporation through Public Private Partnership (PPP) on Design, Build, Finance, Operate and Transfer (DBFOT) basis within jurisdiction of Brihanmumbai Municipal Corporation**

**Website:** portal.BMC.gov.in/tenders

Address:

Office of the Deputy Chief Engineer  
(SSP),  
BMC Municipal Bldg, Ground Floor,  
Nehru Road, Vile Parle (East), Mumbai-  
400 057

Email:

[ee01.ssp@mcgm.gov.in](mailto:ee01.ssp@mcgm.gov.in)

-Sd/-  
S.E. (SSP)

-Sd/-  
A.E. (SSP)

-Sd/-  
E.E. (SSP)

-Sd/-  
Dy.Ch.E. (SSP)

-Sd/-  
Ch.Eng. (SWM)

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**Brihanmumbai Municipal Corporation**  
**SSP Department**

**NOTICE INVITING EXPRESSION OF INTEREST**

Brihanmumbai Municipal Corporation invites expression of interest for

**“Construction and Operation of Smart Public Toilets in Brihanmumbai  
Municipal Corporation through Public Private Partnership (PPP) on  
Design, Build, Finance, Operate and Transfer (DBFOT) basis within  
jurisdiction of Brihanmumbai Municipal Corporation”**

The EoI is to be submitted in closed covers and addressed in the offline mode to the

Office of the Dy.Ch.E(SSP),  
BMC Municipal Building, Ground Floor, Nehru Road,  
Vile Parle (East), Mumbai- 400 057

EoI document can be downloaded from the website [portal.mcgm.gov.in](http://portal.mcgm.gov.in)

-Sd/-

**Dy.Ch.E (SSP)**

### HEADER DATA

1.	EOI document number	AMC/City/ 4991/ D dtd.24.05.2023
2.	Name of the Organization	Brihanmumbai Municipal Corporation
3.	Name of EOI	Construction and Operation of Smart Public Toilets in Brihanmumbai Municipal Corporation through Public Private Partnership (PPP) on Design, Build, Finance, Operate and Transfer (DBFOT) basis within jurisdiction of Brihanmumbai Municipal Corporation
4.	Mode of submission	Offline; Physical copies
5.	Date for downloading the EOI document	29.05.2023 @ 11.00 Hrs to 19.06.2023 @ 11.00 Hrs
6.	Pre-EOI Meeting	08.06.2023 @ 11.30 Hrs
7.	Last date for submission of expression of interest (EOI due date)	19.06.2023 @ 16.00 Hrs
8.	Opening of EOI	20.06.2023 @ 15.00 Hrs
9.	Name of the Client's official for addressing queries and clarifications	Office of the Deputy Chief Engineer (SSP), BMC Municipal Bldg, Ground Floor, Nehru Road, Vile Parle (East), Mumbai- 400 057 Email ID: ee01.ssp@mcgm.gov.in

The Schedule indicated above is tentative and BMC reserves the right to change the above schedule.

-Sd/-  
S.E. (SSP)

-Sd/-  
A.E. (SSP)

-Sd/-  
E.E. (SSP)

-Sd/-  
Dy.Ch.E. (SSP)

-Sd/-  
Ch.Eng. (SWM)

## **1. General conditions**

### **1.1 Background**

Government of India's SBM talks about critical interventions required not only to increase access to toilets but also to eradicate practices of open defecation and manual scavenging; adoption of scientific waste management methods; facilitating appropriate behavioural changes; capacity augmentation of service providers; and creating enabling environment for private sector's involvement.

There exists a close relationship between design and management. Innovative design components can not only ensure ease of management but also reduce operation and maintenance costs. Besides catering to the apparent need for a toilet facility, design choices should be such that they allow for easy cleaning and management, have high resistance to vandalism, and have low maintenance requirements. Design and material choices need to ensure that the life requirement of the structure can be realized.

The toilet design must allow for universal access and ease of use. The design must adequately address the different sanitation needs of special population groups including women, children, old, infirm and the differently abled. Since the sanitation needs of women are significantly different from those of men there is a need to integrate a gender dimension while planning and designing public and community toilet blocks as well as while developing institutional arrangements for their operation and maintenance. Provision of facilities such as water and electricity are very crucial for ensuring that women use public / community toilets.

In this regard, BMC has issued this Expression of Interest to invite proposals from contractors of repute, multidisciplinary Engineering Organizations i.e. eminent firm, Proprietary/ Partnership firms/ Private Ltd Companies/ Public Ltd. Companies/ Companies registered under the Indian Companies act- 2013. for submission of the EoI proposals for "Construction and Operations for Smart Public Toilets in Mumbai City through Public Private Partnership (PPP) on Design, Build, Finance, Operate and Transfer (DBFOT) basis within jurisdiction of Brihanmumbai Municipal Corporation

### **1.2 Scope of Work:**

The broad scope of work will be as follows:

#### **1.2.1 Identification of location for Smart toilets:**

Agencies are to survey the area along Eastern, Western Express Highway and locations with higher footfall in the city to identify the sites for construction of Smart toilets. The model, plan for the toilet is to be along with the submission of application / proposal.

#### **1.2.2 Minimum Technical Specifications for the Construction of Public Toilets**

The Public Toilets shall be of modern attractive shape. The mode of construction and the technology such as cast in-situ / precast / LGS will be at the discretion of the Agency. As far as possible the toilet / facility shall be connected to sewer line and in case the sewer network is not available within the vicinity the adequately sized septic tank, biodigester shall be constructed along with soak pit.

#### **1.2.3 Revenue Model**

The Agency shall submit the detailed revenue model to be explored while running the smart public toilets considering advertisement boards, providing ATM kiosk, food stall etc. The

ideas will be assessed by BMC based on best suitable working model as per the committee decision. The agency shall also clearly state the percentage of area proposed to be utilized for commercial use as against the built up area considered for the proposed Smart toilets.

1.2.4 Land ownership

Agency shall also clearly mention the ownership of the land on which they intend to construct the smart toilet. If the ownership of the land is not with the BMC, it will be sole responsibility of the agency to get the necessary NOC, permissions from the respective land owning authorities/ persons.

1.2.5 Revenue premium

The agency shall clearly state in their proposal the amount of premium in Indian Rupees which they would like to share with the BMC and frequency of sharing the premium.

1.2.6 User fee

It shall be noted that the usage of the Toilets by the general public shall be free of cost. Agencies shall not charge any person in any way for usage of the toilets.

1.2.7 Cost of proposal

The Agency is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the application / proposal and entering a contract for construction of the Works. The costs of visiting the Site shall be at the Agency's own expense.

1.2.8 Conditions

- a) The Agency shall procure water connection from A.E (Water Works) by paying the necessary charges and electricity connection from respective service provider at their own cost.
- b) All operation and maintenance charge including washing cleaning, electricity charge, water charge will be borne by the Agency.
- c) BMC may conduct periodic visits to check the functioning of the toilet and subsequently can impose penalty
- d) The agency is expected to submit innovative methods, technologies and ideas for the betterment of the usage of Toilet facilities.
- e) The agency shall not mortgage the land allotted for construction of toilet facility or shall not be allowed to raise any funds against the land. Failure to comply with this the contract stands terminated. The land allotted will be only for the purpose of construction of toilet/facility. The facility so constructed will be the property of BMC. The contractual obligation will only be limited to Design, Build, Operate, Maintain and Transfer.
- f) The Agency shall not sublet, transfer, or assign the contract or any part thereof. In the event of the Agency contravening this condition, Brihanmumbai Municipal Corporation, will be entitled to place the contract elsewhere on the Agency account at his risk and the Agency shall be liable for any loss or damage to Brihanmumbai Municipal Corporation, may sustain in consequence of arising out of such replacing of the contract.
- g) BMC reserves the right to call for RFP (Request for Proposal) after reviewing the EOI documents. BMC will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the applications to be submitted in terms of this EOI Document.
- h) The submission of proposal by agencies does not guarantee award of work as mentioned under the EOI.

## **2. Committee for Evaluation**

There shall be a committee constituted for evaluation of the proposals under the chairmanship of Deputy Municipal Commissioner (SWM) comprising of the following members, who will scrutinize the EOIs and will decide the final framework for calling RFP:

1. Deputy Municipal Commissioner (SMW) – Chairman
2. Chief Engineer (SWM) – Member
3. Deputy Chief Engineer (SSP) – Member Secretary
4. Deputy Chief Engineer (Operations) SWM - Member
5. Municipal Architect – Member

## **3. Distance between two smart toilets**

While deciding the proposals, the evaluation committee to see to it that the minimum distance between two smart toilets is as far as possible 1 km.

## **4. Pre-EOI Conference**

The pre-EOI conference will be held on 08/06/2023

**Address:** DMC(SWM), Conference Hall, 3<sup>rd</sup> Floor, extension building, BMC Headquarters, Mahapalika Marg, Opposite CST Railway Station, Fort, Mumbai- 400001

**Time:** 11.30 AM

## **5. Documents in the proposal**

1. Covering Letter by the Agency Company for application.
2. The EOI duly self-attested on all pages including.
3. A detailed proposal for the work as specified in the EOI document shall consist of the plan for the site, detailed drawings, comprising of elevation, front, sectional, and view up to the safe disposal (septic tank/ sewer lines).
4. Location of sites identified for the installation of toilets with latitude and longitude coordinates, location of sites demarcated on a map layer.
5. A detailed financial model for the operation and maintenance shall be submitted. Any proposed avenues for additional revenue generation and any revenue sharing with BMC shall be mentioned in detail.

## **6. Submission of proposal**

The proposal shall be submitted offline at the Office of Dy. Ch.E (SSP), Office of the Deputy Chief Engineer (SSP), BMC Municipal Building, Ground Floor, Nehru Road, Vile Parle (East), Mumbai- 400 057.

Agencies shall be advised to fill in the Proposal documents by observing the following:

1. Proposal shall be written in English only.

2. Agencies are requested to submit the Proposal carefully after noting the specifications, mentioned for work in the EOI document.
3. Who should sign
  - a. If the proposal is made by a proprietary firm, it shall be signed by the proprietor with his name and the name of his firm with its current address.
  - b. If the proposal is made by firm in partnership, it shall be signed by all the partners of the firm with their full names and current address or by a partner holding the Power of Attorney.
  - c. If the proposal is made by a limited company or a limited corporation or Joint Venture, it shall be signed by a duly authorized person holding the Power of Attorney for signing the proposal in which case a certified copy of the Power of Attorney shall be submitted.
  - d. If the proposal is made by a co-operative society or any charitable institute or any other Sanstha, it shall be signed by a duly authorized person holding the Power of Attorney for signing the proposal in which case a certified copy of the Power of Attorney shall be submitted. The copy of resolution and the Registration certificate of the co-operative society or any charitable institute or any other Sanstha shall be submitted.
  - e. If the person signing the proposal is other than the Proprietor, then EOI shall be submitted with a certificate copy of Power of Authority authorizing the signatory.

#### **7. Clarification on EOI**

1. Agencies shall examine the EOI document and acquaint themselves with all conditions and matters affecting the cost of the supply. If any Agency finds discrepancies or omissions in the document or if any doubt about their meaning, he should immediately address a query to the Brihanmumbai Municipal Corporation prior to the date of submission.
2. Any resulting interpretation of the EOI document will be published on BMC portal for prospective.

#### **8. Documents submitted by the Agency/ Firm to be the Property of BMC**

The proposal submitted by the agency will be the property of BMC once the proposal is accepted.