

BRIHANMUMBAI MUNICIPAL CORPORATION

(Hydraulic Engineers Department)

Expression of Interest (EOI)

“Invitation for Expression of Interest (EOI) from the eligible and reputed Proprietary / Partnership Firms / Private Limited Companies / Public Limited Companies as Volunteer Agency for Expression of interest for removal of hyacinth from Powai Lake and sustainable recycling / reuse of removed hyacinth under H.E.’s department through CSR fund without any financial Commitment of the BMC”

The detail is available on BMC portal <http://portal.mcgm.gov.in>. The date of EOI submission is 24.07.2026 upto 16:00 hours (IST) in the office of Executive Engineer (HW)WW, Municipal Water Works Yard, L. B. S. Marg, Near MTNL Office, Ghatkopar (west), Mumbai- 400 086.

Email address:-eehwwes.he@mcgm.gov.in

Sd/-

**Executive Engineer
(Head Works) Water Works**

EXPRESSION OF INTEREST (EoI)

Subject: Expression of interest for removal of hyacinth from Powai Lake and sustainable recycling / reuse of removed hyacinth under H.E.'s department.

1. INTRODUCTION

Brihanmumbai Municipal Corporation (BMC) invites Expression of Interest (EoI) from eligible and reputed Proprietary / Partnership Firms / Private Limited Companies / Public Limited Companies, in the capacity of "Volunteer Agency", with proven experience, technical and financial capability to undertake the project of removal of hyacinth from Powai Lake and sustainable recycling / reuse of removed hyacinth under H.E.'s department.

The project shall be undertaken on "as is where is" basis and in accordance with the applicable laws, rules and regulations.

The Volunteer Agency is keen on and will express interest in the removal of hyacinth from Powai Lake and sustainable recycling / reuse of removed hyacinth without any financial Commitment of the BMC.

BMC will support for the subjected work.

2. SCOPE OF WORK

Powai Lake is located in Eastern suburb of Mumbai opposite Hiranandani Complex, Powai. This lake was created in 1891 by constructing Dam between two hillocks across Mithi River. It is one of the important water bodies in Mumbai City. The Powai Lake is having water spread area of approx. 223 hectares with peripheral length of about 6.6 k.m. Catchment area of the Lake is about 600 Hectors and total water holding capacity of Powai Lake is approx. 5455 ML. The Lake water is being used for non-potable purposes i.e. gardening & cattle feeding for Aarey Milk Dairy & as industrial use for L&T Co. Approximately around 25000 MT of water Hyacinth can be reuse / recycle from the Powai lake.

The scope of work includes, but is not limited to:

- 1) Removing of hyacinth / Aquatic Weeds rooted in mud / floating including Pistia (water lettuce), Lemna (duck weed), Ipomoea, Carnea (Besharmi), Water Lily, Hydrilla etc. and all other vegetation including floating garbage, waste material etc. from entire Powai Lake by mechanical / manual means .
- 2) Collecting and handling of hyacinth on the banks of the lake.
- 3) Reuse/ recycle of water Hyacinth for the following prospects.
 - Water hyacinth for feeds - because of its nutritional value and potential use as feed for livestock, poultries, and fish, which make it suitable for use as a substitute or an additive for animal feeds.
 - Water Hyacinth for Biofertilizers- Water hyacinth can be either mulched, composted, vermicompost or anaerobically digested for biofertilisation purposes.
 - Water Hyacinth in Crafts - Water hyacinth has great potential for use in craft production.

Raw material from the dried plant and its fibre can be utilised to make bags, handbags, wallets, flower pots, fashion accessories, mats and many other items.

- Water Hyacinth Conversion to Bioenergy - Biogas production through the anaerobic digestion and briquette production from water hyacinth biomass
- Any other suitable methods based on the feasibility assessment to reused / recycle water Hyacinth.

The probable / available collection spot for stacking of the removed hyacinth are at Pawarwadi and Nature Park (Along Aadi shankaracharya Marg). However, these may be altered as per site conditions.

No commercial activity will be allowed on the above stretch other allied spaces. However, Volunteer Agency may be permitted to take up such activities restricted to adhering to upkeep of the above scope of work.

The duration of the project is 24 Months.

3. ELIGIBILITY CRITERIA

To be eligible for consideration, the Applicants must meet the following criteria:

- **Technical Capacity:**

The Applicant must have successfully completed a similar project of similar nature of work.

- **Financial Capacity:**

an average annual financial turnover as certified by 'Chartered Accountant' to Rs. 200.00 Lakhs in last three (3) financial years.

- **General condition**

- 1) The ownership and possession of the site shall remain with BMC and the Volunteer agency, its agents, representatives and servant shall not have any claim, right, title or interest on Powai Lake site. The Volunteer agency shall function only for the purpose of removal of hyacinth and sustainable recycling of water hyacinth removed from Powai Lake work during the Agreement period.
- 2) Volunteer agency shall be solely responsible to raise the required funds for work of removal of hyacinth and sustainable recycling of water hyacinth and BMC shall not give any loan or financial assistance for this purpose. The liability of the funds so raised will purely rest on the agency.
- 3) The Volunteer agency shall not make any changes on site. The Volunteer agency shall not create any change, lien, debt, mortgage of whatsoever nature on site handed over to them for carry out dedicated

work. The Volunteer agency shall not assign/ transfer/ handover/ sublet the possession of the site or any part thereof to any other person/persons/institutions.

- 4) The Volunteer agency shall pay electricity and water charges for the work and shall properly maintain site at their own cost.
- 5) The Volunteer agency shall not cut and/or trim any tree or any plant along the Powai Lake promenade without obtaining requisite permission from tree authority for the same.
- 6) On expiry of the term period or on the termination of this Agreement, the Volunteer agency shall be permitted to remove the temporary fixtures, instruments, equipment etc. belonging to them and installed by them at their own cost. In case the Volunteer agency is unable or fails to carry out reuse / recycle of water Hyacinth work or conduct the activities other than the purpose for which it is handed over then the BMC is entitled to terminate this Agreement. The Volunteer agency shall not be entitled or eligible for compensation or damages of any sort on this account. Further if the Volunteer agency tried to object to the same, then the legal action shall be taken against such Trust/ concerned persons.
- 7) The Volunteer agency shall keep the BMC its officers and servants Indemnified against all losses, charges, claim and demands of whatsoever nature preferred or made by any person/ persons whatsoever by reasons of BMC allowing the Volunteer agency to carry out reuse / recycle of water Hyacinth work.
- 8) The BMC shall in no way, be responsible or liable for any damage, loss or injury caused to the employees appointed by the Volunteer agency in the matter of carry out reuse / recycle of water Hyacinth work or to the property of the employees so appointed from any cause whatsoever, at any time.
- 9) The Volunteer agency will carry out and give effect to all directions given by Municipal Commissioner or representatives or servants of the BMC for preventing any misuse of the Powai Lake site. On failure to carry out such directions, BMC shall be at liberty to terminate the Agreement.
- 10) Volunteer agency shall follow MPCB norms and other government regulations. All requisite permission shall be taken before starting the work.
- 11) The Volunteer agency hereby shall protect and maintain the Powai lake site in proper manner. Such site shall not to be encroached in any way. If any unauthorized construction carried out or encroachment made at the above referred spaces, then the Agreement of shall be liable for cancellation and the action as deem fit shall be taken as per the provisions of MR&TP Act/ Mumbai Municipal Corporation Act, accordingly.
- 12) The Volunteer agency shall furnish the names of the office bearers of the Volunteer agency as well as the name and address of the staff/ employees appointed by the Volunteer agency to the BMC along with the necessary documents and registration certificate issued by the Charity Commissioner

- 13) The Volunteer agency shall at its own cost appoint their own staff to removal of hyacinth and sustainable recycling of water hyacinth removed from Powai Lake work and shall abide by all the rules and regulations in respect of P.F. Act and the Workmen's compensation Act, E.S.I.S. Act, payment of Wages Act, Industries Act, Sales Tax Act as prescribed from time by the concerned authorities and shall be solely responsible for any breach thereof.
- 14) The Volunteer agency hereby agrees that in the event of natural calamities/ emergency situations, the Volunteer agency shall provide full co-operation to the BMC. The Municipal Commissioner shall direct the Volunteer agency to provide such services as the Municipal Commissioner deem fit and proper, such direction shall be binding upon the Volunteer agency. The Volunteer agency shall provide such services voluntarily and free of cost
- 15) The Volunteer agency shall not carry out any commercial activity along the Powai lake promenade premises of BMC.
- 16) The Volunteer agency hereby agrees that without permission of competent authority of BMC, the Volunteer agency shall not install/ fix any kind of mobile/ cable network in the said Powai Lake promenade.
- 17) The Volunteer agency hereby agrees that the Volunteer agency shall not store, use/ sale any kind of hazardous, inflammable material, chemical/ dangerous articles etc. along the Powai Lake promenade.
- 18) The committee appointed by BMC has the right to inspect the records pertaining to the to carry out removal of hyacinth and sustainable recycling of water hyacinth removed from Powai Lake work. The committee shall always have the free excess to enter and inspect the records of the Volunteer agency. The committee once in months shall inspect the amenities & facilities and shall submit the report through Deputy Municipal Commissioner to the concerned Additional Municipal Commissioner.
- 19) Provided always that nothing shall be deemed to render the Volunteer agency liable for any compensation or damage caused by the force majeure like riots, civil commotion, war, invasion, act of foreign enemies, hostilities, civil war, rebellion, revolution, insurrection, military or usurped power, any act of government, damages from air craft, acts of God such as Earthquake, lightening, unprecedented floods, pandemic and other causes over which the Trust and BMC have no control.
- 20) The parties undertake to act in good faith with respect to each other's rights, under this agreement and to adopt all reasonable, measures to ensure the realization of the objectives of this agreement.
- 21) In the event of Volunteer agency committing a breach of any of the terms and conditions of the agreement, the Municipal Commissioner shall give notice to the Volunteer agency prescribing the time limit of 30 days to rectify such breaches. If the Volunteer agency fails to comply with the said requisition, the Municipal Commissioner will be at liberty to revoke/ terminate the agreement and the Volunteer agency shall hand over the peaceful possession of the site to the BMC without claiming

damages, compensation from BMC. The Volunteer agency will be permitted to remove the temporary fixtures, instruments, equipment's etc. belonging to them.

- 22) The Volunteer agency shall abide by the terms and conditions prescribed by the Municipal Commissioner from time to time.
- 23) The Volunteer agency agrees that on expiry of the period of the Agreement or on earlier revocation/ termination thereof, the Volunteer agency shall stop the work.
- 24) The Volunteer agency shall forthwith at the cost of the Volunteer agency comply with all requisitions, order, notices issued from time to time by the BMC or any other competent authority.
- 25) The Volunteer agency at all times comply and abide by the provisions of the law and rules regulations framed there under and the BMC shall not be responsible for breach of any of the provisions of law, the rules and regulations framed hereunder.

“The laws directly related to lake in present case are biological diversity Act, 2002, water (Prevention & Control of Pollution) Act 1974, Wild life (Protection) Act 1972 & Natural Water Policy”

- 26) Any dispute or question of litigation arising between the parties regarding the work of reuse / recycle of water Hyacinth work and/or otherwise shall be referred to the BMC, whose decision thereon shall be final and binding upon the Volunteer agency.
- 27) The Volunteer agency shall pay all charges and expenses incidental to the preparation and execution of the agreement including Stamp Duty, Registration Charges and Legal charges.
- 28) The Volunteer agency shall carry out the reinstatement/repairs work at his own cost if any walkway, pathway, compound wall damaged while carrying out the subject tender work.
- 29) The amphibious machine used for removal of hyacinth from lake and for handling of hyacinth on the banks of the lake shall be in perfect working condition, preferably new and complying with all R.T.O. regulations and rules and prevailing emission standards, if any.
- 30) The operator shall be well trained, knowledgeable about the machine functions and capable of effective operation of machines. The volunteer agency shall further note that condition to be encountered will be very tough without allowing any rest or idle time.
- 31) The volunteer agency shall make their own arrangement of security and safety of their machines during its contract period/ maintenance period at their cost
- 32) The volunteer agency shall have to give identity cards to the staff deployed for the work and also to give attendance cards showing their credentials and confirming their presence/ attendance on duty to enable field verification and evidence in time of accident etc. The list of names of skilled operators along with copy of driving license particulars shall be submitted by the successful volunteer agency.

- 33) Various aeration systems like compressors mounted on floats, diffusers, hose pipe, fountains and other sophisticated equipment's and cable networks are installed in the lake water spread area. volunteer agency shall take care so that no damages are caused to the system.
- 34) From environmental point of view the hyacinth and other vegetation present in the lake have many negative and positive impacts on the lake body. Therefore, BMC may insist the volunteer agency at his own cost to obtain expert opinion from environment expert etc. regarding environmental impact of hyacinth and vegetation in the lake before and after removal of the same at their own cost.
- 35) The work shall be executed within the day time only i.e. probably between 10:00 am to 6:00 pm. Further, instructions will be decided depending upon the site conditions.
- 36) The work is to be carried out in deep water body having rich bio diversity and aquatic life along with crocodiles etc. therefore it involves considerable risk of lives and utmost care to be taken for protection of the aquatic life
- 37) Powai Lake is one of the major immersion spots for immersion of Ganesh Idols and Durga Idols during Ganesh Festival and Durga Viasrjan respectively in Eastern suburb. There are 02 nos. of immersion spots at Powai Lake along Adi Shankaracharya Marg known as 'Ganesh Ghat' and 'Pawar wadi'. The immersion of big size of idols is done at 'Ganesh Ghat' and small and medium size of idols at 'Pawar wadi'. volunteer agency shall take note of that no inconvenience shall be caused to the public during festive season.
- 38) As per directions given in the circular u/no. Dy. Ch.Eng./SWM/3957/op dtd. 28.09.2018 contractor has to dispose of C&D waste generated either by (i) 'debris on call' scheme if generation of C&D waste is less than 300 MT for entire project. or (ii) Contractor shall transport to designated unloading site approved by BMC SWM department by following due procedure if C&D waste is more than 300 MT for entire project.
- 39) The volunteer agency shall also see that all the provisions regarding employment of young persons covered by the Employment of Children Act, 1933 and the Factories Act, 1948 as amended from time to time shall be fully complied with. The Contractor shall also see that the provisions set for under the Minimum Wages Act and contract regulation and abolition Act, 1970 with the Maharashtra Contract Labour (Regulation and Abolition) Rules 1971 as amended from time to time are fully complied with by him and shall maintain necessary registers and records for payment of wages, overtime, etc. made to his workmen as required by the Conciliation Officer (Central), Ministry of Labour, Government of India, or such other authorized person appointed by the Central or State Government.

- **Competence:**

- The Applicant must have a team with the required technical skills, experience, and capacity to have successfully completed removal of hyacinth and sustainable recycling of water hyacinth removed from water body.
- He/she must demonstrate team experience in long-term said work.

4. Submission Requirements

Interested parties should submit the following documents as part of their EoI:

- a) The work of removal of hyacinth or aquatic weeds and sustainable recycling of water hyacinth or aquatic weeds removed from water body & recycle / reuse of it completed in past or current years. (Project descriptions, cost, timeliness and outcome with respect to completion of work)
- b) Proof of financial capacity to meet the required Expenditure
- c) Applicant's profile, including key personnel and relevant experience.
- d) The applicant shall visit the Powai Lake and submit the detailed project report with methodology for the propose work to BMC
- e) Any additional information that demonstrates the Applicant's ability to meet the project requirements.

5. Short listing Criteria

As per submission requirements above	Marking system
For 4a	30
For 4b	15
For 4c	15
For 4d	30
For 4e	10
Note: Applicants must meet the minimum marking requirement of 80% to be considered for shortlisting	

5. DEADLINE FOR SUBMISSION

The EOI must be submitted in a sealed cover/envelope at the following address on any working day before 16:00 hrs by 24.07.2026

Address: Office of Executive Engineer (HW)WW
Municipal Water Works Yard,
L. B. S. Marg, Near MTNL Office,
Ghatkopar (west),
Mumbai- 400 068.
Tel: 022-25153740/022-25153272
Email: eehwwwes.he@mcgm.gov.in

Late submissions will not be considered.

6. CONTACT INFORMATION

For further inquiries or clarifications regarding the EoI, please contact:

Shri. Amit D. Hatwar
Assistant Engineer (Outside City) Trunk Mains
Mob No. +91 – 81499 13404

7. DISCLAIMER

BMC or any of its designates reserves the right to cancel this request for EoI at any stage, and/or invite afresh with or without amendments, without liability or any obligation for such request for EoI and without assigning any reason(s). Information provided at this stage is indicative and BMC reserves the right to amend/add further details in the EoI.

Sd/-
Executive Engineer
(Head Works) Water Works