



## Lakefront *Reconnect* Competition

### Background:

Urban lakes are an important part of a city's ecosystem. Lake functions include easing impact of flood or drought by capturing and storing water at appropriate times. Lakes are also essential receptors of groundwater recharge and stormwater management which creates a positive influence on the quality of water. Each of these freshwater bodies are part of an urban region that also fosters local ecology. But lakes in urban areas are not just limited to their environmental functions but also provide prime opportunity for recreation and other socio-economic services. Historically lakes have been much closer to human life for domestic use, fishing, boating, etc. But this connection has been lost due to degradation of quality of lakes due to anthropogenic activities.

Although fundamentally the role of lake ecosystems in cities has been established, the present condition of the majority of lakes are questionable. Many of these water bodies are encroached, polluted or have naturally lost their structural integrity due to lack of continuous maintenance. The *Lakefront Reconnect Competition* looks to replenish and conserve these lakes to re-establish the connection between people and water.

### Project Description:

The Chennai Metropolitan Area (CMA) region has been dotted with many lakes out of which the Chennai Metropolitan Development Authority (CMDA) and Tamil Nadu Water Resource Department (WRD) have identified 10 lakes that offer a unique opportunity to conserve and create significant public spaces. The following lakes have been selected for the competition

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|-----------------|------------------|
| i. Perumbakkam  | vi. Ayanambakkam |
| ii. Retteri     | vii. Velachery   |
| iii. Mudichur   | viii. Adambakkam |
| iv. Madambakkam | ix. Puzhal       |
| v. Sembakkam    | x. Kulathur      |

In this regard, CMDA is seeking design proposals from Architectural Design firms interested in participating in the *Lakefront Reconnect Design Competition*. An innovative approach will be required that capitalises on the unique location and natural features of each of the lakefronts. CMDA seeks a winning entry with an open, diverse and collaborative design that helps re-imagine the urban lake front. We look forward to finding strategic designs with inventive and forward thinking solutions that create genuine synergy between people, place and water.

### Indicative programme:

Urban lakes help mitigate the density of urban development by creative active/passive open spaces. The concept plan must intend on a multi-phased regeneration programme with the vision underpinned on place making and environment. Each of the lakes are unique and require customised programming depending on current lake health, availability of land and suitability to the surrounding neighbourhood. The designs may explore opportunities to include activities such as physical activities, bird watching, performing arts and experiential landscape. But to provide overall direction and what maybe expected, the lakes may have the following programmes but not limited to:

- Walking track
- Cycling track
- Cycle rental
- Open gym
- Lake Boundary enhancement
- Lake rejuvenation
- Lake edge treatment
- Slope treatment
- Themed gardens
- Constructed wetlands
- STP / Water purifying method (if required)
- Temporary structure, gazebos, etc
- Parking (minimal depending on footfall)
- Ticketing facilities (if required)
- Amphitheatres
- Outdoor activities
- Canteen
- Street furniture
- Water sports
- Decks
- Bird watching facilities
- Fishing deck
- Play area
- Outdoor work spaces
- Public convenience
- Universally accessible design
- Miyawaki urban forest
- Boating and jetties

### Process:

The competition has been split into three parts:

- *Stage 1:* An open call, asking for expressions of interest from eligible firms that believe they have the ability to rise to this creative challenge. The firms will be required to submit a concept design with supporting visuals to explain the theme of design.
- *Stage 2:* Top 6 firms with selected entries will be shortlisted by the co-ordination committee. The selected firms will be invited to submit their respective financial bids.
- *Stage 3:* Tender will be awarded to the firm with lowest bid after which, the firm needs to submit a Detailed Project Report (DPR) including their detailed design drawings with Civil, Structural, Engineering, MEP, Landscape, Estimates (TN SOR), BoQ, etc.



**Eligibility Criteria:**

- The design competition is open to all Architectural firms with practice experience of minimum of 5 years and annual turnover of Rs.50 lakhs. Multidisciplinary teams may participate provided at least one qualified Architect, Landscape Architect, Civil Engineer is part of the team. Professionals of any other discipline can also be part of the team.
- Applying (international/national) firms must have an office in India or should have a local partner from Tamil Nadu.
- Should not be blacklisted by any government organisation
- Any team can send a maximum of one entry per Lake.
- The competition is not open to students.
- The following individuals shall not be allowed to participate in the competition: CMDA employees (Permanent or Non-Permanent), jury members, technical committee.

**Official Language:**

The official language of the competition and the submission is Tamil / English.

**Registration:**

Rs.5000/-

**Submission:**

1. Proposal to be presented in LANDSCAPE ORIENTED A1 (maximum 3 sheets) sheet with a project design philosophy (maximum 300 words in A4 sheet) in high resolution pdf format.
2. Proposal may be presented using any technique of your choice (CAD drawings, 3D visualisations, illustrations, model photos, sketches, etc)
3. Please follow the metric scale for all drawings.
4. File name: Lake name\_Firm name
5. Last Date of submission: 18.04.2023 (tentative)
6. Entries to be sent to Email: [lakefrontcmda@gmail.com](mailto:lakefrontcmda@gmail.com)
7. The winner shall be required to provide the original open-source file of the designs.

**Evaluation:**

The evaluation of entries will be based on the extent of their response to the competition requirements and more specifically to the following criteria, which are not listed in order of importance.

<ul style="list-style-type: none"> <li>● General impression and clarity of the overall concept</li> <li>● Compliance with the competition goals</li> </ul>	20
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<ul style="list-style-type: none"> <li>● Innovation, originality, creativity of the proposal</li> <li>● Potential of creating identity</li> </ul>	25
<ul style="list-style-type: none"> <li>● Quality of urban spaces; Context sensitive designs</li> <li>● Adequacy of proposed functions and their localization</li> <li>● Contribution to sustainable development, environmental and social impact (Percentage of Greenery to be higher than built-up)</li> </ul>	25
<ul style="list-style-type: none"> <li>● Design Visualization and Presentation skills</li> </ul>	15
<ul style="list-style-type: none"> <li>● Revenue model and Operation &amp; Maintenance</li> <li>● Financial feasibility</li> </ul>	15

The jury may detail and expound the evaluation criteria during the evaluation process.

**Competition Timeline (Tentative):**

Date	Milestone	Days
17 <sup>th</sup> March 2023	Open call for entries	T
27 <sup>th</sup> March 2023	Last date for queries	T + 10
18 <sup>th</sup> April 2023	Last date for submission of entry	T + 32
21 <sup>th</sup> -24 <sup>th</sup> April 2023	Shortlist top entries (minimum 3 to maximum 6) for each lake	T+ 38
29 <sup>th</sup> April 2023	Announcement of shortlisted entries and invited for financial bid	T+43
13 <sup>th</sup> May 2023	Last date for submission of financial bid	T+57
20 <sup>th</sup> May 2023	Tender awarded to lowest bidder and invited for submission of detailed design drawings with civil & landscape BoQ.	T+64
20 <sup>th</sup> June 2023	Final date for submission of detailed design drawings with civil & landscape BoQ.	T+95

**Description about each lake:**

To be attached.

**For Enquiries:**

If any applicant has enquiries regarding the competition the query/request should be sent by email only.



Deadline for Questions, referencing in the subject line the Lake name on or before 27.03.2023, addressed to [lakefrontcmda@gmail.com](mailto:lakefrontcmda@gmail.com) (Email Subject: Query\_Firm Name). Queries after the deadline shall not be entertained.

The autocad drawing of the respective lakes is enclosed with this design brief. Interested firms shall undertake a site visit to the respective lake for more clarity and better understanding.

### Terms and Conditions:

1. Please note that the Design must be original and should not violate any provision of the Indian Copyright Act, 1957.
2. All participants are to make sure to include details such as *name of firm, team member details (name and designation), firm name, e-mail id and contact number* in the mail entry. Entries with incomplete details would not be considered.
3. Once submitted for the competition, copyrights will solely be with CMDA. After finalisation of the successful bidder, CMDA holds rights to modify or alter the design/any component of the proposal.
4. The entry should not have been previously published in any print and digital media.
5. The entry must not contain any provocative, objectionable or inappropriate content.
6. The winning entries have to share their consent to the use of their names in any publicity carried out by CMDA, without further compensation.
7. The winners will be declared either through email or by notification of their names on the CMDA website. Selected candidates will be contacted for further process.
8. All entries in each category will be judged based on creativity, originality and composition by the jury.
9. Contacting the jury is strictly prohibited.
10. CMDA reserves the right to reject any entry, which it does not feel is suitable or appropriate or which does not conform to any of the conditions listed above.
11. All disputes/ legal complaints are subject to the jurisdiction of Chennai only. Expenses incurred for this purpose will be borne by the parties themselves.
12. CMDA reserves the right to cancel or amend all or any part of the Contest and/ or the Terms & Conditions/ Technical Parameters/ Evaluation Criteria.
13. However, any changes to the Terms & Conditions/ Technical Parameters/ Evaluation Criteria, or cancellation of the Contest, will be updated/ posted on the CMDA website
14. CMDA accepts no responsibility for any damage, loss or injury of any kind suffered by any participants in entering the contest, including as a result of any participant winning or not winning any prize.
15. Plagiarism of any nature would not be allowed.
16. Participating teams will be disqualified if any of the above rules or submission



requirements are not followed. Participation assumes acceptance of the regulations.