

Chennai Metropolitan Development Authority
Tamil Nadu Housing and Habitat Development Project

TERMS OF REFERENCE
Climate Resilience and Environmental Specialist
Project Implementation Unit, CMDA

I. Introduction

1. The Tamil Nadu Housing and Habitat Development Project (TNHHDP) is a World Bank financed project of the Government of Tamil Nadu (GoTN). The objective of the project is to strengthen the housing sector institutions of Tamil Nadu for increased and sustainable access to affordable housing.

2. This Project supports institutional strengthening and capacity building of the Chennai Metropolitan Development Authority (CMDA). The CMDA formed in 1974 as the nodal town planning authority for the city of Chennai and its suburbs is one of the Implementing Agencies of the TNHHDP.

3. Component 2 of this Project i.e., ‘Strengthening of Tamil Nadu’s urban housing institutions for enhanced sustainability’ will finance technical assistance and capacity building support to CMDA to improve its institutional performance and capacity, and to enhance the effectiveness of its programs and sustainability. Technical Assistance (TA) support to CMDA will focus on strengthening its analytical and coordination capacities for the preparation of the new Chennai Master Plan. The support to CMDA will aim to (i) develop a metropolitan growth vision for CMA, (ii) develop a multi-sectoral analytical underpinning by establishing a geo-spatial platform towards preparation of land use planning approaches that increase affordability of housing, and (iii) build capacity of the institution to coordinate and aggregate multi-sector spatial information towards preparation of the next Master Plan. This would include support to: development of a comprehensive vision for future urbanization of Chennai plugging into and supporting the proposed Chennai City Partnership program; strengthening of urban planning systems including setting-up a multi-sectoral geo-spatial data system; supporting preparation of guidelines that support the Master Plan process; capacity building towards establishing modern and inclusive land use planning systems; and twinning with an international city on metropolitan planning functions.

4. Component 2 of this Project also supports the CMDA on undertaking activities that would strengthen climate and disaster resilience. The TA includes a climate and disaster resilience study and geo-spatial mapping to feed into the Master Plan 2046 preparation process, as well as undertaking analytics on river drainage basin and flood plain mapping. These will ensure that the future growth trajectory of Chennai will aim to strengthen disaster and climate resilience of the city. Climate resilience needs to play an

important role in the drawing up of the new Master Plan for Chennai due in 2026, currently lacking in the present Master Plan.

5. A total of US\$9 million for CMDA, upto **FY2025-26** has been approved by World Bank as part of Component 2 of this project for CMDA. CMDA is hiring a Climate Resilience and Environment Specialist to be part of the Project Implementation Unit (PIU) set up at CMDA, whose roles on behalf of the PIU would include the following.

II. Scope of Work/Job Responsibilities

The Climate Resilience and Environmental Specialists expected to:

- a) Develop an understanding of the extent of spatial mapping and modelling already existing and to develop a strong data base modeling for climate resilience parameters for CMA
- b) Anchor a spatial climate resilience study for CMA
- c) Oversee the preparation of the spatial map/model that can inform the next Master Plan
- d) Provide inputs on strategic master plan decisions such as build/no-build zones from a climate resilience perspective
- e) Identify vulnerable areas and ensuring their protection as a critical component of guiding future development.
- f) Lead the process of including climate resilience considerations across all CMDA rules and processes
- g) Provide inputs to all studies / initiatives on the relevant environmental aspects from the national housing policy, state housing policy and the national / state regulations.
- h) Conduct periodic workshops / seminars / conferences with stakeholders to collect their inputs / feedback on environmental issues that are relevant to the various studies conducted under the project.
- i) Coordinate with and provide support to the consultants engaged on environment related studies in terms of assisting them with meetings with other Government agencies (particularly Tamil Nadu Slum Clearance Board, Department of Environment, Department of Disaster Management, Tamil Nadu Pollution Control Board and Greater Chennai Corporation), private sector developers, non-government organisations and other civil society organisations.
- j) Monitor progress and prepare quarterly reports on environmental aspects for submission to the Government of Tamil Nadu and the World Bank.
- k) Embed environment and climate considerations in all the planning proposals of CMDA.

III. Qualification

Masters in Urban, Environmental or Regional Planning, Masters in Environment Management/ Environment Studies/ Environment Sciences, Masters in Disaster Risk Management.

IV. Years of Experience

7 to 10 years of experience preferably in urban projects in a city of size and complexity comparable to Chennai

V. Work experience:

Experience in Climate Change Resilience and/or Climate Change Action Plans and/or Disaster Risk Management in the domains of Urban Planning, Affordable Urban Housing, Urban Ecology. International experience is preferable.

VI. Competency

The incumbent should demonstrate:

- a) Strong conceptual, analytical skills with clarity of thought process and problem-solving skills.
- b) Ability to work under tight deadlines.
- c) Excellent organizational skills.
- d) Ability to work independently as well as in a team.
- e) Strong communication skills with the ability to clearly and concisely convey necessary information, explain reasoning, and support conclusions using data and facts.
- f) Excellent computer and document processing skills.

VII. Duty Headquarters

The duty headquarters of the Climate Resilience and Environmental Specialist will be the TNHHDP - Project Implementation Unit located in Chennai Metropolitan Development Authority, Chennai. She/ he will be required to travel frequently within and outside the city and occasionally outside the state for project purposes.

VIII. Duration

Appointment to the post will be on contract basis initially for a period of two years and likely to be extended based on the performance.

IX. Reporting Arrangements

The Climate Resilience and Environmental Specialist will report to the Member Secretary, CMDA/ Head of the PIU, TNHHDP, CMDA