

## **Terms of Reference for Recruitment of Land Use Expert**

**Applications are invited from eligible candidate for the post of Land Use Expert in the Institute of Urban Transport (India) [IUT] as per details given below:**

### **1. About the Institute**

- 1.1 The Institute of Urban Transport (India) [IUT] was established in May, 1997 under the purview of the erstwhile Ministry of Urban Development now Ministry of Housing & Urban Affairs (MoHUA), Government of India as a premier professional non-profit making organization and registered under the Societies Registration Act. The membership of the Institute comprises Academicians, Architects, Economists, Engineers, Transport Planners, Town Planners and professionals from various other disciplines. The Institute has 67 institutional members and about 1600 individual members. It has association with foreign organizations such as LTA Singapore, GIZ and KfW from Germany, CODATU, France and KOTI South Korea. The Secretary, MoHUA, Government of India, is the ex-officio President of the Institute. The Officer on Special Duty (UT) and Ex-officio Joint Secretary in the Ministry is the Acting Director General of the Institute. It has three tiers of management, namely Executive Committee, Governing Council and General Body.
- 1.2 The aims and objectives of the Institute are to promote, encourage and coordinate the state of the art of urban transport including planning, development, operation, education, research and management and also to organize lectures, seminars, workshops, conferences, etc. on the subjects pertaining to urban transport. In addition, the Institute provides professional support to MoHUA for its various projects and initiatives such as appraisal of Metro Rail / Urban Transport projects received for central assistance, organizing an annual Urban Mobility India Conference cum Exhibition, several workshops and capacity building programs.
- 1.3 **One of the ongoing activities is to undertake a national level study, namely “Assessment of Metro Rail impact in various cities in India” being assigned by the Ministry of Housing & Urban Affairs, Govt. of India.**

### **2. Scope of the study**

- 2.1 The objective of the study is to review the ridership & peak hour peak direction traffic (PHPDT) of various metro rail projects, to examine the impacts of metro rail projects in terms of economic parameters, last mile connectivity and transport and land use integration and to suggest measures to enhance the ridership of the metros in Indian cities. Accordingly, the study is envisaged to cover the following tasks:
  - Task 1: Data collection from the selected metro rail projects.
  - Task 2: Assessment of ridership and peak hour peak direction traffic (PHPDT) of various metro rail projects.
  - Task 3: Assessment of Impacts in terms of financial and economic parameters.
  - Task 4: Assessment of Impacts on urbanization and land use.
  - Task 5: Assessment of first and last mile connectivity.
  - Task 6: Stakeholder consultation.

- Task 7: Recommendations for improvement of ridership of the metro systems.

### 3. Job profile of Land Use Expert

3.1 Based on the scope mentioned above, the Landuse Expert's role is to assess the impacts of metro rail projects on Urbanization and Land use along the metro rail corridor. The duration of the project is 10 -12 months and time requirement of expert is 30 to 40% of the total duration of the project. The key responsibilities include:

- Reviewing the changes in land use pattern and urbanization level after the implementation of metro in various cities.
  - Whether the city master plan has taken the cognizance of metro rail project?
  - Land use changes and increase in built up area/FAR/ Density etc along the metro rail corridor.
  - Change in Land and property values. (Data can be collected from registrar)
  - Any other activity
- Identifying the key developments, influenced by the metro rail corridor. (IT hubs, transport hubs etc.)
- Compiling the findings, suggestions and recommendations to maximize the ridership in order to achieve projections made as per the DPR
- **Knowledge of applicable laws, codes, and ordinances governing land use planning and zoning**
- Undertake capacity building activities as and when required
- Prepare primary and secondary data collection formats and provide inputs in finalizing the reports as and when required.
- **Ability to secure facts through investigation and inspection and to effectively analyse and interpret them.**
- H/She may travel to various cities in India as when required
- To suggest measures to enhance the ridership of the metros in Indian cities.
- Assess the impact of metro on urbanization and land use and prepare the report.

3.2 H/She must be registered with the relevant professional body. Should have more than 20 years of experience in consulting, demonstrate experience in land use analysis of metro projects, extensive knowledge in land use analysis of projects, excellent technical writing skills (mandatory), experience in preparing project reports, and/or publications, **working knowledge of the use and application of GIS technology in land use analysis**, proficient in use of computer software (MS Word, MS Excel, MS PowerPoint, etc) to produce professional documents of international standard.

3.3 At least a Master's Degree, in related discipline from a recognized university.

4. Shortlisted candidates only shall be called for interview by the Recruitment and Remuneration Committee.

5. **Soft copy of the CV and application along with expected remuneration/fee for this assignment** may please be sent to the Director General, Institute of Urban Transport (India), 1<sup>st</sup> Floor, Anand Vihar Metro Station Building, Delhi – 110092 by **e-mail to [jobs@iutindia.org](mailto:jobs@iutindia.org) latest by 15:00 hrs on Thursday, the 28.07.2022.**