

MANPOWER REQUIREMENT (UMTC)

(A) Particulars of the Vacancy

I. Position Level : Asst. Manager / Manager – Technical (Transportation Modeller)		II. Location : Delhi / Hyderabad
III.	Reporting to: Sr. Vice President / Asst. Vice President	
IV.	<p>Job Description & Key Focus Areas:</p> <ul style="list-style-type: none"> • Develop and calibrate transportation models to simulate traffic flow and predict future transportation patterns. • Analyze data from various sources to identify trends and inform model development • Collaborate with transportation planners and engineers to design model scenarios. • Forecasting transportation demand and evaluating the impact of infrastructure projects. • Evaluate the impact of proposed transportation projects and policies using predictive analytics • Prepare detailed reports and visualizations to communicate findings to stakeholders • Provide technical support and guidance on transportation modeling software • Participate in public consultations and meetings to present and discuss model outcomes 	
V.	<p>Specific Demands on the job:</p> <ul style="list-style-type: none"> • Job involves travel as per the project requirements within India 	

(B) Particulars of the Candidate required

<u>Qualifications:</u>	The candidate should be a Post-Graduate in Transport Planning/Transportation Engineering
<u>Post Qualification Experience:</u>	5 to 10 years of experience in the field of transport with focus on Urban mobility
<u>Competencies required</u>	<ul style="list-style-type: none"> • Experience with transportation modeling software (preferably PTV Visum). • Proven track record of successfully managing transportation modeling projects for at least 4 assignments within India.

	<ul style="list-style-type: none">• Strong analytical and problem-solving skills.• Ability to interpret and analyze transportation survey data.• Familiarity with ArcGIS/QGIS.• Experience in assisting field surveys is a plus.• Knowledge of statistical analysis and data visualization techniques.• Ability to supervise outsourced work through agencies and quality management of outputs.• Ability to work across domains and grasp domain essentials within a short time to be able to deliver projects.• Knowledge of transport planning sector would be an added advantage, with expertise in:<ol style="list-style-type: none">1. Comprehensive Mobility Plan (CMP) / Comprehensive Traffic and Transport studies2. City Bus Services (CBS)3. Mass Rapid Transit System (MRTS)4. Regional Bus Service Planning5. Non-motorised transport (NMT)6. Bus Rapid Transit System (BRTS)7. Rail based Transit System8. Transit Oriented Development (TOD)
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