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Directorate of Urban Land Transport
Urban Development Department,
Government of Karnataka.

DULT/ADM0CARE(HSTA)/2/2020 02.05.2022

NOTIFICATION FOR APPOINTMENT IN DULT ON CONTRACTUAL BASIS
(2nd May 2022)
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The Directorate of Urban Land Transport (DULT), Government of Karnataka, Bengaluru is looking for bright, meritorious, and dedicated candidates seeking professional career for the positions listed below. The positions listed below will be on a contractual basis for a period of three years' duration with the possibility of extension for well-performing employees. Candidates may apply for any one of the positions mentioned below based on your preference and experience. The last date for receiving the applications is **24.05.2022, 5:30 PM (IST).**

Candidates are required to apply ONLY via the link provided below using your G-mail. Applications sent by any other means shall not be considered:

https://forms.gle/DSKDWRGhfHkRJQKf7

S.N	Position	Experience	Number of Vacancies
1	ITS (Intelligent Transport System) Specialist	5-15 years	1
2	Data Analyst	2+ years	1
3	CAD Technician/ Senior CAD Technician	3+ years	2
4	Assistant Civil Engineer	0-3 years	1
5	Communication Specialist	3+ years	1
6	Assistant / Associate Urban Planner	0-6 years	3
7	Assistant / Associate Transport Planner	0-6 years	2
8	Chief Technical Officer	15+ Years	1

The qualification and experience requirements for all the positions are provided below.

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1. ITS (Intelligent Transport System) Specialist (5-15 years' experience)

DULT is looking for a motivated and highly qualified engineer with strong ITS experience to work on Intelligent Transport System projects.

Key Responsibilities:

- Responsible for managing and monitoring of design, operation, and maintenance of the on-going ITS projects of the organization.
- Troubleshoot and provide technical solutions for the issues identified in the ITS systems.
- Coordinate with the stakeholders including various Government departments and public.
- Prepare technical articles, presentations, other knowledge products and documentation materials.
- Travel within the state for site visits and consultations as and when needed
- Any other responsibilities assigned by reporting officer

Requirements:

- Bachelor's degree or above from an accredited university or college in Electronics Engineering, Telecommunication Engineering, Instrumentation Technology, Computer Science, Information Technology or equivalent
- Relevant work experience in AVLS, AFCS, Adaptive Traffic Signal Control Systems, vehicle sensing technologies, automated parking management systems, toll management systems, ANPR, server management for above applications, development of APIs, communication systems, Network Management System, etc.
- Ability to communicate in Kannada/ Japanese language is desirable.

2. Data Analyst (2+ years' experience)

DULT is looking for a motivated data analyst with strong skills in analytical problem-solving skills to work with its policy, research, and innovation team in supporting development of sustainable urban transport projects.

Key Responsibilities:

- Data extraction and representation
- Develop insightful solutions through data analytics to help in planning.
- Provide expertise and translate project needs to design and develop tools, techniques, metrics, and dashboards for insights and data visualization.
- Apply machine learning to solve real life problems.
- Developing and maintaining databases, data systems – reorganizing data in a readable format

Requirements:

- A bachelor's / master's degree in science/engineering/statistics/management with emphasis on data analytics
- Proven working experience in data analysis
- Strong mathematical skills to help collect, measure, organize and analyse data
- Proficiency in statistics and statistical software like SPSS, SAS, R, Advanced Excel
- Knowledge of programming languages like SQL, Oracle, R, MATLAB, and Python

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- Technical proficiency regarding database design development, data models, techniques for data mining, and segmentation.
- Knowledge of data visualization software like Tableau,
- Attention to detail and proficiency in removing corrupted data and fixing coding errors and related problems
- Adept at queries, writing reports, and making presentations
- Ability to communicate in Kannada language is desirable.

3. CAD Technician/ Senior CAD Technician (3+ years' experience)

DULT is looking for a motivated person to work on supporting transport planners and urban planners in the development of sustainable urban transport projects.

Key Responsibilities:

- Perform dimensional and routine calculations required for the preparation of drawings
- Checks layout and drawings for accuracy, relationship of one part to another, and relation of various parts to the whole drawing and Ability for self-checking & correction of work
- Ability to work independently with low to medium supervision
- Generate high quality drawings of urban road's proposals
- Managing workloads, resourcing projects and ability to prioritize deliverables
- Complete tasks received from Urban/Transport Planner / Designer in consultation with Sr. CAD Specialists
- Maintaining records and archives to company standards
- Graphically translate verbal and visual instructions into working drawings
- Knowledge in Kannada language is desirable.

Requirements:

- Diploma or higher in Civil Engineering or relevant field
- >3 years of professional experience in preparing CAD drawings for major Urban infrastructure like Urban Road / Land transport projects
- Should have excellent working knowledge with the latest AutoCAD version, especially the use of x-refs, blocks, layers, dimension, texts and well conversant in drawing standards and procedures
- Should have performed complex drafting assignments using CADD like; general arrangement drawings, plan, profile, section, layouts, setting out, road junctions, road marking and signage drawings
- Fluent in written and spoken English is essential
- Ability to communicate in Kannada language is desirable.

4. Assistant Civil Engineer (0-3 years' experience)

DULT is looking for a civil engineer to work with people from diverse backgrounds, government/ private organizations, and neighborhood communities.

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Key Responsibilities:

- Perform civil engineering calculations, prepare material requisitions, service requisitions, technical specifications and quantity take-offs and provide input for design drawings during all phases of projects.
- Compute project cost estimates.
- Shall participate in conceptual studies, proposals.
- Perform required site visits to ensure quality compliance.
- Other activities assigned by the reporting officer

Requirements:

- B.E/B. Tech degree in Civil Engineering from an institute of repute.
- Fluency in written and spoken English is essential
- 0-3 years of relevant full time work experience, preferably in urban transport sector.
- Should have knowledge of reading civil drawings, proof checking of drawings as per relevant IRCs or other relevant standards, preparation of small building/floor plans, preparation and checking of cost estimates
- Shall be able to work with minimal supervision
- Ability to communicate in Kannada language is desirable.

5. Communication Specialist (3+ years' experience)

DULT is looking for a transport / urban planner with excellent communication skills to work for its communications team. At DULT, you will unleash your potential working with people from diverse backgrounds, government/ private organizations, and neighborhood communities.

Key Responsibilities:

- Develop content for the quarterly newsletter and improve its reach and relevance.
- Coordinate with communities for promotion of NMT use in the neighborhoods
- Manage social media accounts of the organisation.
- Write/edit articles for media publications on organisation's projects or activities.
- Engagement with communities for feedback and collaboration for projects.
- Proof reading of reports / policy documents prepared by technical staff.
- Other activities assigned by the reporting officer

Requirements:

- Master's degree or above in Planning with specialisation in Urban Planning/ Urban Design/ Regional Planning/ City Planning or Transport planning.
- 3+ years of relevant full time work experience in, preferable in urban transport sector.
- Demonstrated interpersonal and leadership skills.
- Demonstrated experience in presentation, public speaking and written communication.
- Demonstrated experience in content writing.
- Proven social media and networking expertise.
- Fluent Reading, writing, and speaking (English and Kannada)
- Experience in proof reading of policy documents prepared.

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6. Assistant/Associate Urban Planner (0-6 years' experience)

DULT is looking for a highly qualified, motivated and creative person to work on sustainable urban projects that would help promote walking, non-motorized transport, various scales of public transport systems, intermodal hubs, place making, etc. This is an exciting and challenging opportunity to impact the quality of urban life and place making in various cities of Karnataka.

Key Responsibilities:

- Preparing conceptual and schematic design drawings as per the Planning & Design norms, municipal by-laws, and technical requirements of industry.
- Preparation of master plans, infrastructure plan, TOD plans, landscape plans.
- Preparing presentation, drawings, reports, with efficient documentation and organization of data.
- Undertaking urban development initiatives as per the priorities of state governments
- Support in initiatives like Monsoon Studio, Cycle Day etc.

Requirements:

- Master's degree or above in Planning with specialisation in Urban Planning/ Urban Design/ Regional Planning/ City Planning or relevant field
- 0-6 years of relevant full-time work experience in planning / designing /implementation/ researching urban transport systems.
- Experience in preparation of Master Plans/infrastructure plans/neighbourhood plan/ Street Vending Plans/ Landscaping is desirable.
- Ability to present technical information in a clear and concise manner (reports/ presentations), with excellent demonstrated skills in English.
- Ability to communicate in Kannada language is desirable.

7. Assistant/ Associate Transport Planner (0-6 years' experience)

DULT is looking for well qualified and motivated professionals to work on sustainable urban transport projects like promotion of non-motorized transport, various scales of public transport systems, develop multi-modal integration solutions, plan for implementation of demand management measures, etc. This is an exciting and challenging opportunity to impact the quality of transportation in various cities of Karnataka.

Key Responsibilities:

- Design and execute data collection activities with adherence to timelines and attention to quality of output
- Develop designs for development of safe non-motorized transport infrastructure in urban areas
- Conduct high quality research to inform planning and project development through best practices for NMT, public transport, shared mobility (mobility-as-a-service), multi-modal integration and demand management
- Collaboratively with other departments, NGOs, research institutes and government bodies at the city level

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- Support in preparing technical articles, policy analysis notes, research reports, presentations, other knowledge products and documentation materials.
- Support senior staff to convene meetings with different organizations and sectors of expertise to develop holistic planning processes and to fortify cross-sectoral collaboration
- Travel within the state for site visits and consultations as and when needed
- Any other responsibilities assigned by reporting officer

Requirements:

- Master's degree or above in Transportation Engineering / Transportation Planning/ Urban Planning with specialization in Transport Planning / Economics with specialization in Transport Economics, or equivalent.
- 0-6 years of relevant full-time work experience in planning / designing /implementation/ researching urban transport systems.
- Should have planned and administered data collection activities like traffic counts, opinion surveys, household surveys, O-D surveys, etc. necessary for urban transport projects
- Strong ability to employ qualitative and quantitative analytical methods relevant of urban transport; familiarity with statistical analysis of urban transport data, micro & macro simulation modelling and geographic information systems is essential.
- Ability to present technical information in a clear and concise manner (reports/ presentations), with excellent demonstrated skills in English.
- Ability to communicate in Kannada language is desirable.

8. Chief Technical Officer

DULT is looking for a transport/urban planner with a minimum of 15 years of experience working on government projects, with a good grounding in policy/strategy formulation. This is an exciting and challenging opportunity to impact the quality of transportation in various cities of Karnataka.

Key Responsibilities:

- Develop strategies, policy and plans to promote non-motorized transport in urban areas
- Analyse appropriateness of public transport systems for various cities (tier-I, II & II) and develop strategies for implementation and promotion of public transport systems in those cities
- Conduct high quality research to inform planning and project development through best practices for NMT, public transport, shared mobility (mobility-as-a-service), multi-modal integration and demand management
- Design and manage projects from the preparatory phase to data collection to the on-ground implementation to delivery, with adherence to timelines and attention to quality of output
- Liaise with other departments and government bodies at the city level
- Prepare technical articles, policy analysis notes, research reports, presentations, other knowledge products and documentation material

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- Support the development of technical frameworks and templates for instituting due processes for optimization of day-to-day operations
- Coordinate with NGOs, research institutes, consultants for oversight of quality and timely completion of deliverables
- Convene experts and stakeholders from different organizations and sectors of expertise to develop holistic planning processes and to fortify cross-sectoral collaboration
- Explore innovative opportunities and provide insights on areas for action, future projects, opportunities, and challenges in urban transport domain
- Travel within the state for site visits, meetings and consultations as and when needed

Requirements:

- Master's degree or above in Transportation Engineering / Transportation Planning/ Urban Planning with specialization in Transport Planning / Economics with specialization in Transport Economics, or equivalent.
- 15+ years of relevant full-time work experience in planning / designing /implementation/ researching urban transport systems. Should demonstrate progressive experience of handling complex urban transport solutions.
- Strong ability to employ qualitative and quantitative analytical methods relevant of urban transport, familiarity with statistical analysis of urban transport data, micro & macro simulation modelling and geographic information systems
- Experience in preparation of briefing papers, policies or strategic documents
- Experience in working with public sector organizations and government agencies is desirable.
- Ability to present complex information in a clear and concise manner, with excellent demonstrated skills in English.
- Proficiency in Kannada Language is preferred.