

BIHAR VIKAS MISSION

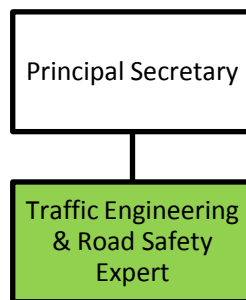
Job Description



1. General Information

Position Title:	Traffic Engineering Expert
Reports to:	Principal Secretary – Road Construction Department
Department:	Bihar Vikas Mission
Job Code:	

2. Organization Chart



3. Key Accountabilities

Strategizing and Expert Advisory

- Design a strategic plan and roadmap for development of traffic management systems and conduct of road safety audit studies in the State of Bihar, in conjunction with relevant stakeholders in the Department (Principal Secretary, Secretaries etc.) and related functionaries
- Contribute to Department's work plan related to road user behaviour Studies, through insightful analysis and innovative solutions
- Conduct sector research and provide insights and perspective to ensure incorporation of best practices and latest trends & technologies in traffic engineering and road safety from across different states and facilitate management decision-making
- Assist the Department in formulating new policies and reforming existing policies in order to establish an efficient driver testing and evaluation system
- Support the Department in developing and implementing systems and processes to ensure safety of vulnerable road users
- Provide expert advice for development of proposals and plans for planning and implementation of Intelligent Transport Systems in the State and assist the Department to obtain and meet necessary compliances and regulations, as required
- Provide technical advice and support in design and evaluation of traffic control devices for various roads and highways in the State
- Liaise with relevant officials in the concerned Department to develop ideas and plans to address other priorities related to the Department and undertake strategic and operational planning exercises
- Establish and build partnerships with important and relevant national and international level bodies and organizations like Construction Federation of India, World Road Association, Engineering Council of India, IRCON Indian Association of Structural Engineers etc. and research and training institutes including Central Road Research Institute (CRRI), Engineering Staff College of India etc., and leading private organizations to garner support for establishing traffic management and road

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safety systems in the State

Continuous Improvement

- Identify opportunities for continuous improvement of systems, processes and practices taking into account international and national best practices, in order to facilitate cost optimization and productivity improvement

Policies, Systems, Processes & Procedures

- Recommend improvements to functional procedures and follow all relevant departmental policies, processes, standard operating procedures and instructions so that work is carried out in a controlled and consistent manner

Related Assignments

- Perform other related duties or assignments as and when required

4. Qualifications and Experience

Essential

- Bachelor's degree or higher (full time) in Civil Engineering
- Minimum 10 years of experience in traffic management and / or transportation sector

OR

- Retired personnel from Government / Defence Services / Paramilitary with minimum 10 years of experience in traffic management and / or transportation sector (last held position should not be lower than Superintendent Engineer or equivalent level)

Preferred

- Less than 70 years of age as on 1st January 2019
- Experience in traffic engineering and / or road safety projects and / or conduct of road safety audits & testing and / or evaluation & implementation of traffic control & safety systems / processes
- Proven track record of working with state / central government organizations / bilateral / multilateral organizations on programs of similar nature and size
- Master's degree or higher (full time) in Traffic Engineering / Transportation Engineering / Civil Engineering / Road Safety
- Certificates / Courses in relevant areas will add weight to the candidature
- Honors / Awards / recognized publications in relevant area will be an added advantage

5. Knowledge and Other Skills

- Strong interpersonal and networking skills
- Excellent knowledge of latest technologies, trends and best practices in traffic engineering and / or road safety
- Strong technical knowledge of transport infrastructure and road user dynamics
- Fluency in written and spoken English and Hindi