

# BIHAR VIKAS MISSION

## Job Description



1. General Information	
<b>Position Title:</b>	<b>Ground Water Expert</b>
<b>Reports to:</b>	<b>Principal Secretary – Minor Water Resources Department</b>
<b>Department:</b>	<b>Bihar Vikas Mission</b>
<b>Job Code:</b>	
2. Organization Chart	
<pre> graph TD     PS[Principal Secretary] --- GWE[Ground Water Expert]             </pre>	
3. Key Accountabilities	
<p><b>Strategizing and Expert Advisory</b></p> <ul style="list-style-type: none"> <li>Provide expert technical inputs on the relevant projects and programs anchored by Minor Water Resources Department to meet the objective of improving the accessibility and supply of ground water in the state</li> <li>Contribute to the Department's work plan related to exploration and development of ground water resources in the State through insightful analysis, modelling and innovative solutions</li> <li>Support the planning and implementation of strategic initiatives to develop integrated projects to focus on improving the ground water table in the State</li> <li>Provide technical advice to support the activities related to hydrological surveys and collection of hydrological data for carrying out aquifer mapping in the state</li> <li>Provide technical advice for relevant projects and initiatives of the Department such as Multi Aquifer Study, Deep Aquifer Study, Aquifer Resistivity Test, Ground Water Modeling, Aquifer Performance Test and related programs</li> <li>Anchor research and development initiatives to enhance the processes of exploratory drilling for establishing subsurface aquifer geometry, evaluating aquifer parameters and collecting water samples</li> <li>Support the actualization and implementation of the Patna City Hydrology Study and National Hydrology Project, by working closely with the Department functionaries and other stakeholders in the state</li> <li>Provide inputs to design the plans for setting up Water Quality Test Labs and support selection and establishment of testing equipment</li> <li>Liaise and partner with relevant agencies and professionals to strengthen the State level Water Resource Information Systems</li> <li>Suggest mechanisms to enhance the performance and management of Data Centres and digitization of hydrological data</li> <li>Anchor extensive research activities in the State to study the impact of climate change on ground</li> </ul>	

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water

- Conduct industry and market research and provide insights and perspective to ensure incorporation of best practices and latest trends and technologies and facilitate management decision-making with respect to ground water management
- Establish and build partnerships with important and relevant national level bodies and organizations like Central Ground Water Board (CGWB), Ministry of Water Resources, River Development & Ganga Rejuvenation (Govt. of India) and other bodies to gather support for strengthening of Public Distribution System in Bihar

### 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

### Minimum

- Master's degree or higher in Geology / Hydrology / Geophysics / Geology
- Minimum 10 years of post-qualification experience in water resource development domain.

**OR**

- Retired personnel from Government / Defence Services / Paramilitary with minimum 10 of years of experience in construction /infrastructure sector (Last held position should not be lower than Superintendent Engineer or equivalent level)

### Preferred

- Less than 65 years of age as on 1st January 2020
- Experience in planning and managing assessment / exploration and development of ground water resources including improvement of water supply.
- Experience of working on state and national level large scale projects related to water resource development with proven records of execution of the project.
- Certificates / Diploma / Courses in relevant areas will add weight to the candidature
- Honors / Awards in relevant area will be an added advantage.

## 5. Knowledge and Other Skills

- Strong interpersonal and networking skills
- Experience of policy and process design, operations development and management in the domain of water resource management
- Experience in providing evidence-based, outcomes-oriented programme management and technical support, including training, operations research and large-scale programme monitoring
- Demonstrated ability to manage staff / consultants / operations in the States and managing large teams - technical, operations and administrative

- Fluency in written and spoken English and Hindi

