

The logo for the Indian Institute for Human Settlements (iihs) is located in the top left corner. It consists of the lowercase letters "iihs" in a white, sans-serif font, with a registered trademark symbol (®) to the upper right. The text is set against a dark red rectangular background.

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INDIAN INSTITUTE FOR  
HUMAN SETTLEMENTS

**JOB DESCRIPTION**

Water Resilience Specialist  
(Engineering and Implementation  
Support) — Practice Programme

## About Us

The Indian Institute for Human Settlements (IIHS) is an interdisciplinary knowledge institution and distinct university, committed to the equitable, sustainable and efficient transformation of Indian settlements. It conducts an integrated programme of quality campus-based teaching and research, applied research/ practice-based work to deliver large-scale impact, training and lifelong learning for working professionals as well as blended learning. IIHS brings together theory and praxis around India-centric knowledge and applied research, while engaging with and drawing from knowledge across the globe.

For more information, please see <http://www.iihs.co.in>

## About the Practice Programme

The IIHS Practice Programme aims to demonstrate capacity for innovation and change in order to influence and enable urban transformation and translate learning from practice into policy as well as research and teaching-learning material. It provides strategic/ policy advisory, implementation support, and knowledge management services to national and state governments, public, parastatal and municipal agencies, international development agencies, as well as private firms at the interface of human settlements and urbanisation. This work spans a range of areas, including urban governance, water and sanitation, municipal finance, land management, urban infrastructure and services, as well as climate change and risk and resilience.

The Practice team at IIHS is responsible for providing cutting-edge and integrated solutions to India's urban development challenges by bringing together faculty and experts across diverse domains of knowledge and practice, exposing learners to real life problems and integrating the practice into academics and research.

## About Building Small Town Water Resilience (Chikkaballapur District)

This project intends to strengthen the capacity of Urban Local Bodies (ULBs) across six towns (Chikkaballapura, Bagepalli, Gowribidanur, Shidlaghatta, Gudibande, and Chintamani) in Chikkaballapura District, Karnataka, to implement risk-informed planning and investments for resilient water and used water infrastructure. The project will undertake comprehensive water audits, analyse the quality and availability of both freshwater and used water, and assess consumption, conservation, and reuse practices. This data-driven approach will inform the design of systems that can withstand climatic stress and support long-term water security in the region.

The Coalition for Disaster Resilient Infrastructure (CDRI), an initiative launched by the Government of India in 2019 at the United Nations Climate Action Summit, supports IIHS in implementing this project across the six towns in Chikkaballapura District, Karnataka. The District Urban Development Cell (DUDC), Chikkaballapura, serves as the government partner for project implementation.

## **Job Description**

IIHS seeks a skilled and motivated water resilience specialist (engineering and implementation support) who will be responsible for delivering project components related to the engineering and implementation of the project.

This will be a contractual position for an initial term of 11 months, renewable on mutual consent. The position will be located out of Bengaluru, with travel as necessary to other locations in the State and India.

## **Activities and Tasks**

Responsibilities would include, but not be limited to, the following:

- Anchoring primary and secondary data collection and analysis (both qualitative and quantitative) for water balance studies and audits;
- Reviewing and synthesising best practices, technical standards, information on new technologies/ devices, innovative solutions/ approaches to climate-proofing the water and sanitation systems;
- Drafting and refining design and feasibility assessments, and resources estimation and implementation (including site supervision and quality assurance) of demonstration projects;
- Tracking the implementation of demonstration projects and timely delivery of outputs, and supporting reporting and documentation;
- Developing and validating a set of performance indicators for benchmarking water and sanitation services;
- Organising and conducting meetings, workshops etc.;
- Liaising and engaging regularly with external stakeholders such as ULBs, government departments and agencies, private players, partners and IIHS teams;
- Developing documentation and content for capacity - building initiatives;
- Assisting in the delivery of training programmes and public outreach activities;
- Providing support to other IIHS functions and initiatives, including academics, research, training, practice, operations, and institutional projects, as required;
- Participating in institution-building activities at IIHS, carry out tasks assigned by the Institute, and undertake travel within or outside the country for IIHS-related work, as required.

## **Structure and Reporting**

The specialist will be an External Consultant coordinating with the Project Lead at IIHS and will be required to collaborate effectively with a diverse group of internal teams and external individuals/ organisations, and students.

## Person Specification

The ideal candidate should have:

- A Bachelor's degree in Water Resource Engineering, Civil Engineering, Environmental Engineering etc., or a relevant field;
- Preferably a post-graduate degree with 3-8 years of relevant experience;
- Demonstrated track record of involvement in the implementation of public infrastructure projects. Though sectors such as environmental services and sanitation would be preferable, candidates with significant experience in other sectors can also apply;
- Prior experience with the government and development sector. S/he should also have experience of working in multi-disciplinary teams, interfacing with government (Preferably South Indian states) and possess good communication, advocacy, people management and coordination skills;
- Proficiency in MS project management;
- Essential proficiency in reading and writing in both Kannada and English.

This is a contractual engagement for an initial term of 11 months, renewable on mutual consent. This offer is on an exclusive basis, which implies that other professional assignments (whether compensated or not) that bear a potential conflict of interest with IIHS cannot be undertaken.

The search will remain open until the position is filled.

## Location

This position is based in Bengaluru and may entail frequent travel to other locations within and outside Karnataka.

## Review and Assessment

The role and performance of the incumbent shall be subject to normal review and assessment systems at IIHS.

## Diversity Policy

IIHS is an equal opportunity employer that encourages women, people with disabilities and those from economically and socially excluded communities with the requisite skills and qualifications to apply for positions.

## To apply

If you are interested to explore this opportunity with us, please fill the online application form by clicking [here](#). (You can also click on the "Apply Now" button at the end of the Job Description displayed on the website).

## Contact

Please write to us at [hr@iihs.co.in](mailto:hr@iihs.co.in) if you need any clarifications while filling the online application form.



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