

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 its upper right. The logo is set against a dark red rectangular background.

iihs[®]

INDIAN INSTITUTE FOR
HUMAN SETTLEMENTS

JOB DESCRIPTION

Specialist - Engineering &
Planning, Trichy City Wide Inclusive
Sanitation (CWIS)

About Us

The Indian Institute for Human Settlements (IIHS) is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements.

IIHS aims to establish an independently funded and managed national university of eminence for research and innovation focused on the challenges and opportunities of India's urban transition. The proposed IIHS University will be an institution of eminence that will host an integrated programme of quality campus-based education and research, training and lifelong learning for working professionals, distance and blended learning, as well as a whole array of practice and advisory services. The university will have a strong interdisciplinary orientation bringing together theory and praxis that is grounded in the South Asian context and also engages with and draws from knowledge across the globe.

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

About the Trichy CWIS Project

Trichy has been selected as one of the cities under the City Wide Inclusive Sanitation (CWIS) initiative by the Bill and Melinda Gates Foundation (BMGF). The wider CWIS initiative is globally supported by multiple agencies and organisations including the BMGF and the World Bank. CWIS cities are expected to move towards achieving the Sustainable Development Goal (SDG) for sanitation to ensure safe, inclusive, and financially sustainable sanitation services, and serve as global benchmarks. The Trichy CWIS project will be guided by the urban local body, and delivered by a consortium of partners led by IIHS. While the project aims to improve overall sanitation outcomes in Trichy across the full cycle of sanitation, it will also focus on improvement of service delivery to the poor. The project will also attempt to mainstream sanitation into existing initiatives, showcase innovations and systematically document and share learnings (particularly with a view to enabling replication).

The project builds on ongoing work done by IIHS on urban sanitation in Tamil Nadu (see tnussp.co.in). The first phase of the programme, which is nearing completion, adopted a two-pronged approach: working in two model urban locations to demonstrate city level transformations on-ground across the sanitation chain, while in parallel, creating an enabling environment, implementing state-wide actions, and scaling-up of innovations

Job Description

The Practice Programme 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.

The CWIS Trichy project will be anchored in the Practice Programme at IIHS and is expected to run over a duration of about two and a half years. The position of Specialist - Engineering & Planning could be either a regular position or a contractual project-based engagement. Located mainly out of Trichy, the Specialist - Engineering & Planning will be responsible for the providing technical support and implementation support.

Activities and Tasks

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

- Contributing to the design, data collection and analysis of baseline and engineering studies such as sanitation situation baseline, catchment level studies, centralised and decentralised waste treatment systems performance assessment, safe reuse of treated products from waste treatment systems;
- Assisting in the preparation of City Sanitation and Investment Plans (CSIP), Detailed Project Reports (DPRs) for sanitation solutions at project sites;
- Adoption and testing of toolkits for planning, and benchmarking performance of sanitation systems especially pertaining to Septage Management/ Fecal Sludge Management;
- Supporting design, feasibility assessment of innovative and inclusive technologies or approaches for sanitation solutions such as improved containment, collection and treatment/ co-treatment of fecal sludge or other wastes;
- Providing support for the design, feasibility, resources estimation, implementation (including site supervision, quality assurance) of pilot demonstration projects;
- Supporting the development of procedures for implementation, operation, maintenance and monitoring of sanitation systems such as on-site sanitation systems, sewage treatment plants etc.;
- Continual assessment and monitoring in close association with the city authorities and other partners/ stakeholders of demonstration projects;
- Engaging with Trichy City Corporation, Government of Tamil Nadu (GoTN), Municipal Administration and Water Supply (MAWS) Department and constituents, other Government departments and agencies, non-government organisations and civil society formations, community groups, private sector, consortium partners, and the IIHS teams and networks;
- Enabling documentation and learning of lessons from the Trichy CWIS process, to feed into IIHS academic, research and capacity building initiatives, and deliver training programs as needed;
- Providing support to other IIHS activities including, academics, research, operations and other activities;
- Participating in all activities of institution-building at IIHS; carrying out tasks as assigned by IIHS; and travel on IIHS work within or outside the country as needed.

Structure and Reporting

The Specialist - Engineering & Planning will report to the Team Leader – City Wide Inclusive Sanitation (CWIS) at IIHS and will be required to collaborate effectively with a diverse group of internal teams and external individuals/organizations, and students.

Person Specification

The applicant is required to possess a professional degree in Environmental / Civil Engineering and/or Urban Planning. In addition, she/he is expected to possess 5-8 years of relevant experience. Prior experience in urban development and sector assessment / pre-feasibility studies / implementation of environmental services projects is mandatory.

She or he should also have experience working in multi- disciplinary teams, possessing good people management skills, and significant competency in project management and use of computer software. Applicants should also have prior experience working with government.

Applicants with Tamil language skills with previous work experience in Tamil Nadu would be an added advantage.

This offer could be either for a regular position or for a contractual project-based engagement.

The search will remain open until the position is filled.

Location

This position is based in Trichy with frequent travel to Chennai and other locations in India.

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 if you need any clarifications while filling the online application form.



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