

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

Senior MEP Engineer – Campus Development

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 IIHS Campus Development

The IIHS main campus is located on a 54-acre freehold site at Kengeri, Bengaluru. The digitally augmented buildings and facilities, slated to be built over three phases, are expected to enable interdisciplinary teaching-learning, research and practice, and demonstrate the best examples of Indian design and traditional crafts. The campus will aim to provide students and researchers with the opportunity to immerse themselves in and innovate around India's core urban challenges.

The Campus Development team focuses on design, procurement, execution, and documentation activities at the IIHS Kengeri site. The work includes contract administration, design coordination, project management and handover of facilities to the IIHS Administration team.

Joining the Campus Development team at IIHS offers a unique opportunity to be at the forefront of building one of India's most ambitious, eco-friendly and sustainable campuses. Situated in the upcoming Kengeri area of Bangalore, the project is deeply rooted in principles of net neutrality and long-term environmental stewardship targeting factor five infrastructure.

As part of this fast-paced and dynamic process, you will gain hands-on experience and unparalleled exposure to interdisciplinary collaborations spanning architecture, urban planning, environmental science, engineering, and more. The role is designed to accelerate your professional growth, offering meaningful engagement with cutting-edge practices in sustainable development. We are looking for candidates passionate about building a better future and eager to shape a living, learning campus from the ground up. Join this team if you are interested in a purpose-driven career.

Job Description

IIHS is looking to hire a senior MEP engineer with around 7-9 years of work experience. This is a regular full-time position based out of Bengaluru. The incumbent will be a part of the Campus Development team but will need to work in close collaboration with other teams at IIHS, particularly with the IoT and Sustainable Energy Labs, and the Operations teams.

The engineer is expected to oversee and supervise execution, maintenance and operation of all Mechanical, Electrical and Plumbing (MEP) work related to the IIHS Kengeri campus. S/he will help schedule, plan, forecast, resource, procure and manage all relevant activities to ensure project quality, timeliness, and regulatory compliance.

Activities and Tasks

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

- Understanding the design intent and requirements from stakeholders and translating them into bill of quantities (BoQ) and cost estimates;
- Working with the stakeholders and consultants, to draw up specifications, schematics, drawings, BoQs etc;
- Using AI, IoT and other digital tools to design, evaluate in detail, and monitor performance of MEP equipment, systems and sub systems to create high performance buildings/ campus;
- Liaising with local authorities for the approval of MEP service drawings and service connections;
- Coordinating with vendors and internal stakeholders to ensure work is done as per design intent and specifications;
- Ensuring that the installation, inspection and testing of all the MEP equipment, fittings and work implemented, meets the specification and the consultant requirements;
- Determining site material requirements in advance, including requirements in requisitions for procurement issued by consultants, coordinating with the procurement engineer / project manager for timely placement of orders;
- Aiding in supplier-site co-ordination for site handling, storage installation and commissioning;
- Verifying the accuracy of measurements for billing and approving the final billings;
- Organising and participating in site meetings, reviewing inspection schedules;
- Adhering to the Health Safety Security Environment (HSSE) checklist and witnessing commission testing of systems along with the consultant;
- Implementing site HSSE policy and preparing the Job Safety Analysis (JSA); possessing complete awareness of the Permit to Work (PTW) system; ensuring that all health, safety and legal requirements are being met throughout the process;
- Preparing status reports and regularly monitoring budgets, contractors and schedules;
- Maintaining accurate records and an electronic database of all elements of the projects, preparing the project management plan in coordination with other stakeholders on Primavera P6/ Microsoft Projects/BIM tools;
- Ensuring daily project monitoring and regular progress reporting including identifying potential risks and constraints and developing a mitigation mechanism; supporting the Project Manager and ensuring timely addressing of project contractual deliverables;
- Coordinating with other project personnel to ensure that deadlines, procedures, and other project requirements are met;
- Providing support to other IIHS activities including academics, research, training, practice, operations and others;
- Participating in all activities of Institution-Building at IIHS; carrying out tasks as assigned by IIHS; and travelling on IIHS work within or outside the country as and when needed.

Person Specification

The ideal candidate should have:

- A Master's degree in Electrical/ Mechanical Engineering;
- 7-9 years of relevant experience; prior experience as a project engineer on large scale building and infrastructure projects will be an advantage;
- Practical knowledge of mechanical/ electrical/ plumbing engineering principles, SCADA systems, practices and methods, environmental regulations, engineering project management methods, workplace safety, budgeting, employee supervision and personnel management;
- Experience in the field of engineering, procurement and operations;
- General understanding of building codes, mechanical codes, electrical codes and plumbing codes as they relate to the construction stage/ phase of project;
- Effective verbal and written communication skills;
- Flexibility and the ability to work well in a fast-paced, interdisciplinary environment;
- Competency in handling simultaneously occurring tasks and smaller projects;
- Excellent organisational and team working skills; the ability and willingness to work in close collaboration with other teams to meet common institutional goals;
- Experience of working in BIM tools will be an added advantage;
- Software skills:
 - AutoCAD/ Revit BIM/ Any other BIM platform;
 - MS Office;
 - MS Project;
 - ETAP (desirable).

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 at the IIHS Kengeri campus, Bengaluru and may entail travel to 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@ihs.co.in if you need any clarifications while filling the online application form.

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